

MIL-STD-2549
APPENDIX B

CONFIGURATION STATUS ACCOUNTING RELATIONAL TABLES

B.1. GENERAL

B.1.1. Scope. This appendix establishes the Configuration Status Accounting (CSA) relational tables which constitute the minimum requirements for the Government CM AIS. This appendix prescribes the use of data elements and the format of specific CM records to be used for electronic database access. This appendix defines the business-rule view (also known as the conceptual schema) for the Configuration Management business area for a CALS data dictionary. This appendix is a mandatory part of the standard. The information contained herein is intended for compliance.

B.2. APPLICABLE DOCUMENTS

B.2.1. Subsidiary required documents. There are no sub-tier documents required for implementation of this appendix. The source documents for the various requirements in this appendix (including those cited for legacy data) are included for information only.

B.2.2. Reference specifications, standards, handbooks and industry standards. A list of documents which may be referred to as references for understanding the content of this appendix are included in B.6.

B.3. DEFINITIONS

B.3.1. Acronyms used in this appendix. The acronyms in Section 3 of this standard apply to this appendix. In addition, the following acronyms are used in this Appendix:

AK	Alternate Key
CODE	Data Element Code, Field Code
FK	Foreign Key
K	Key
M	Mandatory [data element]
O	Optional [data element]

B.3.2. Definitions used in this appendix. The definitions in Section 3 of this standard apply to this appendix. In addition, the following definitions are used in this Appendix:

- a. Alternate key. Sometimes there may be more than one attribute or combination of attributes that uniquely identifies an instance of an entity (for example: a row of a table). These are identified with the letters AK and a number (for example: AK1). When the table is invoked, values for alternate keys are always mandatory and cannot be null-valued unless specifically denoted as optional.
- b. Assertion. A statement that specifies a condition that must be true. (Cardinality assertions are stated on the appropriate figure near the relationship to which they apply. all other assertions are in the appropriate paragraph of Section B.5).
- c. Attribute. A property or characteristic that is common to some or all of the instances of an entity.

MIL-STD-2549
APPENDIX B

- d. **Categorization**. The classification of instances in an entity (table) into mutually exclusive sub-entities (also called subtypes) based on the value of a single attribute in the entity. Categorization is used when:
 - (1) different attributes are applicable to only certain classes of instances, for example, if the entity in a medical data-base is PATIENTS, it could be categorized by sex because the attribute date-of-last-pregnancy would not be applicable to all instances in the entity PATIENTS, or
 - (2) relationships with other entities are only allowed (or are always required) for certain classes of instances, for example, NOR is a category of document which must always be associated with another document in the category ECP, but must never be associated with a document in the category PERIODICAL.
- e. **Category discriminator**. An attribute in an entity, or any ancestor of the entity which determines which category entity (subtype) contains a specific instance of an entity.
- f. **Data element code (CODE)**. A nine-position code, used to identify the DED (also referred to as a field code). Each DED code is unique within the table in which the DED is listed. The DED Code cannot be changed or modified when independently developing a relational CM AIS. The last three positions of the code are the table code in which the element first appears. When a key migrates to a new table, thus becoming a foreign key, it will retain the table code where the key originated, unless the key is required to assume a "role name" in the new table. (See discussion on categorization limitations in B.4.3.)
Origination of foreign keys which assume role names are defined in the business rules for the data table.
- g. **Data element definition (DED)**. A narrative definition of the data element in sufficient detail to present a clear and complete understanding of the precise data or element of information that the data element represents. Data Element Definitions can be found in Appendix C.
- h. **Data element string**. The concatenation of two or more data element fields to form a new, composite field.
- i. **Data element title**. The noun phrase name used to identify the data element. Sufficient adjectival modifiers are used with the noun name to ensure title uniqueness. It is the intent that these data element titles conform to the requirements of DoD 8320.1-M-1. There are two types of data element titles: generic data element titles and standard data element titles.
- j. **DED number**. A sequentially assigned number to each data element in the dictionary for use in locating and referencing it throughout the dictionary and data entry instructions.
- k. **Dependent**. A constraint between two related entities indicating that no instance of one (child entity) can exist without being related to an instance of the other (parent entity).
- l. **Entity**. The representation of a set of real or abstract things (people, objects, places, events, ideas, combination of things, etc.) that are recognized as the same type because they share the same characteristics and can participate in the same relationships.
- m. **Field code**. See data element code.
- n. **Foreign key**. An element first defined in a higher table in the hierarchy and which is either a key to this table (shown in the upper portion of the table figure) or is necessary for traversing the table hierarchy, but not key to this table (shown in the lower portion of the table figure). Values for foreign keys are always mandatory and cannot be null-valued unless specifically denoted as optional. Foreign keys are denoted by the letters FK.

MIL-STD-2549
APPENDIX B

- o. **Identifying**. A constraint between two related entities that requires the primary key in one (child entity) to contain the entire primary key of the other (parent entity).
- p. **Independent**. A condition of a single entity such that the key attributes of the entity are not inherited from any other entity, or only part of the key attributes of another entity are used as key attributes in the independent entity.
- q. **Instance**. An instance is a specific set of values assigned to the attributes of an entity. For example, for the entity EMPLOYEE with attributes name, sex, SSAN, one instance is the values John Doe, M, 123-45-6789; another instance is the values Mary Kay, F, 987-65-4321.
- r. **Key data element code (Key)**. The attribute or combination of attributes that uniquely identify an instance of the entity (that is, a row of the table) and which is the primary method of ensuring uniqueness of data. When the table is invoked, values for keys are mandatory and cannot be null-valued.
- s. **Mandatory**. A non-identifying attribute which must be supplied as part of each table entry. (Note: Key, Alternate Key and Foreign Key attributes are assumed to be mandatory.)
- t. **Metadata**. Data about data; the names and attributes of data entities as stored in the data dictionary.
- u. **Non-identifying**. A specific connection relationship in which some or all of the attributes contained in the primary key of the parent entity do not participate in the primary key of the child entity.
- v. **Optional**. A foreign key or alternate key attribute which may be omitted as part of a table entry. (Note: attributes which are not Key, Alternate Key or Foreign Keys are assumed to be optional.)
- w. **Role name**. A uniquely modified standard data element title which describes the use/application of the data element within a specific relational data table location. This is required when a data element is inherited by a single table in multiple contexts (for example, a part number in a parts list may be the assembly part number or a component part number).
- x. **Table**. There are two usages of this term.
 - (1) In the conceptual-schema in this appendix, it refers to the fully defined list of the contents of an entity, including the DED Code, DED Title, DED Number and identification of the Key, Alternate Key, Foreign Key, Optional or Mandatory nature of the element.
 - (2) In the physical-schema (in this case, the CM AIS database), it refers to the fact that information is typically stored as a table where the column headings are the entries in the conceptual-schema entity, and the rows each represent one instance of data.
- y. **Table code**. The three-position code, left-justified, assigned to each table in the relational CSA used for locating and referencing the data elements to the appropriate relational table in the DED cross-reference index.
- z. **Table description**. A short statement outlining the contents and associated business rules of the data table.
- aa. **Table title**. A descriptive phrase used to identify the relational table. Sufficient adjectival modifiers are used with the phrase to ensure unique identification. An abbreviated title is shown in parenthesis and is used on the figure(s) due to space limitations.

MIL-STD-2549
APPENDIX B

B.3.3. Definition of symbols.

- a. Entity tables. Tables are denoted by rectangles with an internal horizontal dividing line. Each table is identified by a unique name, unique abbreviated name, and a unique table number.
 - (1) Independent. A square-cornered table indicates an independent entity, identified solely by its key(s).
 - (2) Dependent. A round-cornered table indicates a dependent entity, which requires other tables for its unique identification.
 - (3) Key/non-key. The data elements which are key to the uniqueness of data instances in a table are shown in the upper half of the table. Other data elements are shown in the lower half. This convention is continued by use of a thick horizontal line in the entity content lists in Section B.5.
- b. Category discriminator. Category discriminators are denoted by a circle with one or two horizontal underscores. The attribute used as the discriminator may appear beside the circle.
 - (1) Complete category discriminator. A category discriminator depicted with a double horizontal underscore indicates that all possible values of the discriminator are depicted as subtypes within this document.
 - (2) Incomplete category discriminator. A category discriminator depicted with a single horizontal underscore indicates that only some of the possible values of the discriminator are depicted as subtypes. Incomplete discriminators are usually used when either not all possible values of the discriminator are known, or when only selected subtypes are of special interest due to additional attributes or special limited or required relationships.

B.3.4. Definition of relationship lines.

- a. Line terminators.
 - (1) Zero, one or more. The ball terminator (—●) indicates there is zero, one, or more entries in the table at the terminal end of the connecting line for each entry in the table at the opposite end of the connecting line.
 - (2) One or more. The ball terminator with a "P" (positive) (—^P●) indicates that there are one or more entries in the table at the terminal end of the connecting line for each entry in the table at the opposite end of the connecting line. If a number appears next to the terminator instead of a "P" (for example: —²●), it means that the specific quantity of entries is required in the table at the terminal end of the line for each entry in the table at the opposite end of the connecting line.
 - (3) Zero or one. The ball terminator with a "Z" (zero) (—^Z●) indicates that pertinent entry in the table at the terminal end of the relationship must either exist or be null.
 - (4) Categorization. The lines connecting the parent or generic entity with the categorization symbol and the categorization symbol with the category entities, or subtypes, are shown without terminators because the relationship is always one to one; every instance in the parent entity must exist in one, and only one, of the category entities and vice versa.

b. Lines.

- (1) Identifying relation. An identifying relation is indicated by a solid connecting line. The key of the table at the terminal end of the line includes the key of the other table, which must exist. Categorizations are always identifying relations.
- (2) Non-identifying relation. A non-identifying relation is indicated by a dashed connecting line. The data of the table at the terminal end of the line includes the key of the table at the other end of the line; however, this foreign key information is not all part of the key of the dependent entity. The parent entity must exist.
- (3) Optional non-identifying relation. An optional non-identifying relation is indicated by a dashed connecting line and has a diamond (\diamond — —) at the parent end of the line. The data of the table at the terminal end of the line includes the key of the table at the other end of the line; however, this foreign key information is not all part of the key of the dependent entity and the non-key portion may be null-valued in the dependent entity.

B.4. GENERAL REQUIREMENTS

B.4.1. Standard CSA data elements. Required status accounting information shall be expressed in terms of the standard CSA DED codes and DED titles listed in the detailed requirements of this Appendix. Substitutes, alternatives, or variations shall not be used.

B.4.2. Supplemental CSA data elements. Additional CSA data elements and related features may be added as required and approved by the Government.

B.4.3. Concept. In a relational database system, information is organized in the form of tables. Categories or columns of information are listed across the top of each table. Individual sets of information are listed as rows. CSA relational tables are two-dimensional matrices of related data. Tables are defined in terms of columns (DED codes or DED titles) and rows (or multiple instances of the columnar data elements). Information in this format can be easily visualized and understood. Within each table, certain data may be defined as foreign key, or key. (Key data is required to be present when a new row of data is established.) These data keys comprise a unique set of identifiers for each row of information in the data table. Relational tables are structured according to the data associations which dictate the table configuration. Although each relational table is independent and equal, data integrity rules will dictate that a row of information be established in a table from which foreign keys originate, prior to the establishment of the lower-tier data table. The interrelationships and data hierarchy between tables are only established through common data element keys and data values. The tables listed in this appendix comprise the total required CSA relational database.

B.4.4. Categorization and assignment of field codes. In general, all documents are identified by a source entity (for example: a CAGE code: 30003; an organization acronym: ANSI; a company name: Honeywell; an author: Thomas A. Bruce, etc.), an identifier (for example: a number: 12345, or a title: Designing Quality Databases) and the type of document (for example: a drawing, specification, report, ECP, etc.). Certain attributes apply to all documents (for example: the level of security classification). However, some documents have specialized attributes (for example: an ECP justification code only applies to documents of the type "ECP"). Many documents have restrictions on how they can be identified (for example: ECPs must be identified by a CAGE code, and a number; they cannot be primarily identified by an author or title) or on how they relate to other document types (for example: for a Parts List Drawing to exist, a graphics drawing must also exist). Thus documents in general, are highly categorized to allow for specification of the various business rules which apply to them. Additionally, a generic document may be revised; each iteration has the same hierarchical set of categorization as the basic document. This complexity results in a multi-tier, multi-dimensional decision tree for categorization of any

MIL-STD-2549
APPENDIX B

document. IDEF1x does not lend itself to this problem; it allows multi-tiers, but does not support the multi-dimensional aspect. However, it can be shown by inspection that if entity "B" is a subtype of "A", and "C" is a child of "A" with subtype "D" based on the same categorization discriminator as in the "A" to "B" relation, then any instance in "B" must also exist as an instance in "D". Due to this parallelism, it can be said that "D" is a de facto child of "B". Where this is the case, the assignment of field codes is based on this observation. Thus, since CAGNUM003 is assigned to the DED enterprise-defense-logistics--assigned-identification-code in the hierarchy of entity categorizations (because the entity-type categorization discriminator has the value of "enterprise" and the enterprise-identification-type-code categorization discriminator has a value of "cage"), CAGNUM003 is also assigned to the document-source-enterprise-defense-logistics--assigned-identification-code in the hierarchy of generic document categorization and in the hierarchy of generic document revision categorizations because the same discriminator values apply. This cannot be modelled in IDEF1x.

B.4.5. Organization. Because of the massiveness and complexity of the business rules of Configuration Management, the entities are organized into views of various subsets of the overall data requirements. The relational tables are shown in this appendix by views (functional areas) in the following sequence:

- Tables 000-049, Generic document, organization identification and attributes (see B.5.1.)
- Tables 050-099, Engineering drawing requirements, including supplementary drawings such as index list, parts list and data list drawings (see B.5.2.)
- Tables 100-149, Program-unique specification requirements (see B.5.3.)
- Tables 150-199, Software (both defense and commercial) and related document requirements (see B.5.4.)
- Tables 200-249, Part numbers and material identification, parts lists and as-designed (should-build) structure requirements, and as-built/modified/maintained structure requirements (see B.5.5.)
- Tables 250-299, Engineering Change Proposal (ECP) requirements (see B.5.6.)
- Tables 300-329, Notice of Revision (NOR) requirements (see B.5.7.)
- Tables 330-344, Baselines (see B.5.8.)
- Tables 345-349, National Stock Numbers (NSNs) (see B.5.9.)
- Tables 350-399, Request for Deviation (RFD) requirements (see B.5.10.)
- Tables 400-449, Standardization documents (see B.5.11.)
- Tables 450-499, Modification requests, instructions, and kits (see B.5.12.)
- Tables 500-549, Serialization and lot control tracking requirements (see B.5.13.)
- Tables 550-599, Technical manuals/orders (see B.5.14.)
- Tables 600-649, Document supplements (see B.5.15.)
- Tables 650-669, Data Item Descriptions (DIDs) (see B.5.16.)
- Tables 670-674, Procuring Activity Numbers (PANs) (see B.5.17.)
- Tables 675-689, Audit action tracking requirements (see B.5.18.)
- Tables 690-709, Configuration item nomenclature, Configuration Control Board (CCB) identification and CCB directives (see B.5.19.)
- Tables 710-799, *Reserved*
- Tables 800-849, Document representations identification and release process (see B.5.20.)
- Tables 850-899, Document revision approval/adoption processes (see B.5.21.)
- Tables 900-909, Files (see B.5.22.)
- Tables 910-939, Commercial documents, part numbers, and materials (see B.5.23.)
- Tables 940-949, Addresses (see B.5.24.)
- Tables 950-999, Contract and Contract Data Requirements List (CDRL) requirements (see B.5.25.)

B.4.6. Functional CSA relational table listing and table relationships. At the beginning of each functional area, there is a set of figures showing the data table relationships. Each figure depicts the table number and abbreviated title (for example: for DWGREV/051, "DWGREV" is the abbreviated title, and "051" is the table number). Starting with independent entities (or dependent entities from another page), table keys are migrated down to each successive level of related tables shown through the line relationships. The key fields for each table are shown in the upper portion of the table. Selected attributes (usually those fields which are alternate keys, or which are

MIL-STD-2549
APPENDIX B

inherited foreign keys necessary for climbing back up the hierarchy but which are not key to the particular table) are included in the lower half of the table. The tables are connected by lines which indicate the relationship of the information in the connected tables. The tables in the figures represent the CSA data model at the key-based level. (The corresponding fully attributed tables are included in the accompanying text.)

B.4.7. CSA relational tables. The detailed portion of each view contains each CSA table, a brief description of the table contents and business rules, an explanation of any functional dependencies, and the content of the table elements. The CSA tables at this level are "fully-attributed." Each table contains the following entries:

- a. Table code
- b. Table title (full title and abbreviation)
- c. Table description and any pertinent business rules (assertions)
- d. Columnar listing of the entity contents
 - (1) Field code
 - (2) DED title or role name
 - (3) DED number
 - (4) Key indicator

B.5. DETAILED REQUIREMENTS

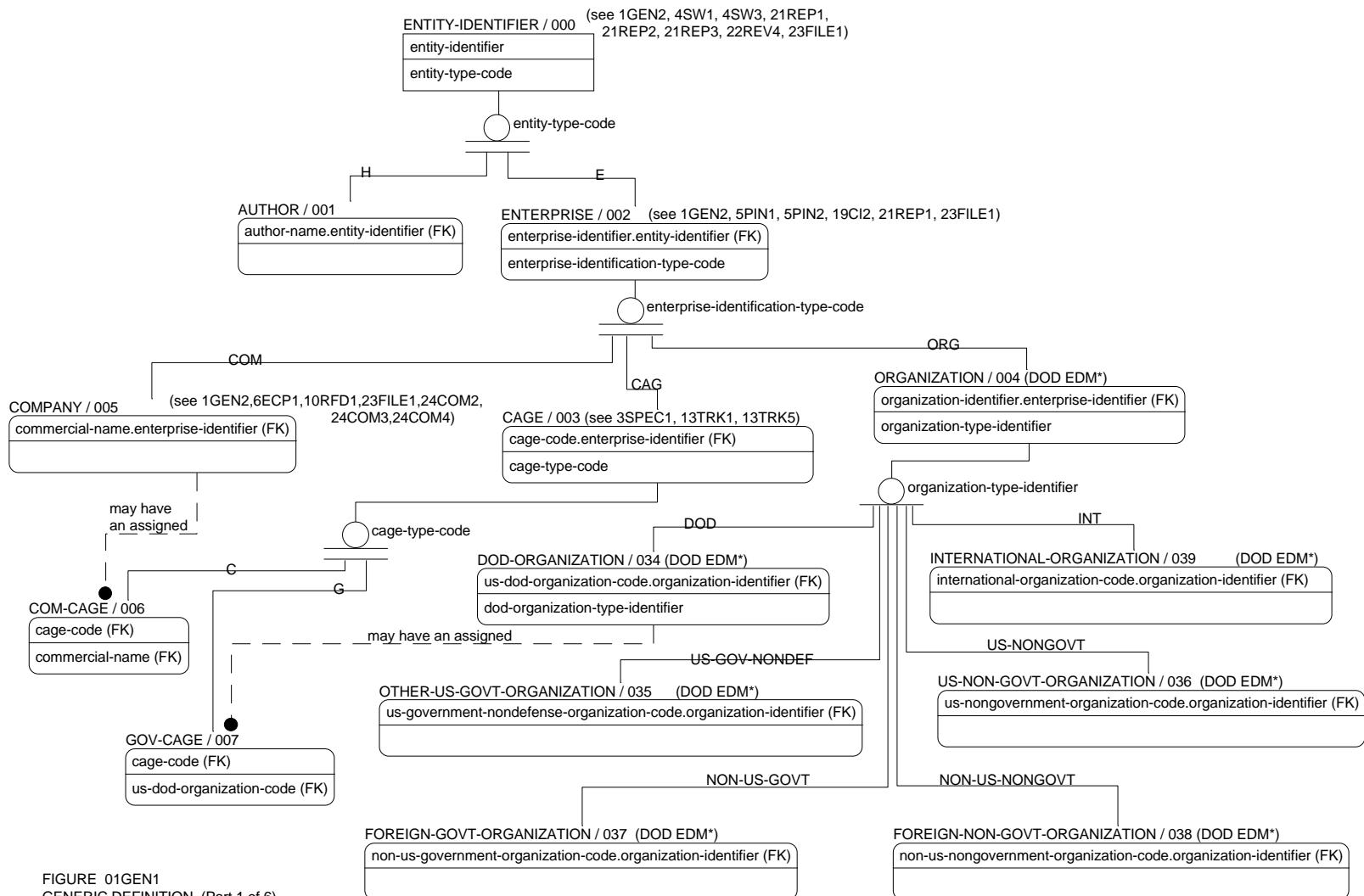
B.5.1. Generic and miscellaneous. Entity tables numbered in the range of 000 through 049 contain the identification of a generic entity which issues documents, the identification of a generic document, and the identity of a generic document revision. Each of these is categorized at several levels. Since the same discriminators are used in each of the categorization hierarchies, a logical matrix exists between corresponding subtypes of each hierarchy. Since all other documents addressed elsewhere in this database are subtypes of these generic entities, all the attributes of the generic entities apply to the specific documents addressed throughout this appendix. Additionally, this section includes several miscellaneous tables which are applicable to several applications, such as security classification, Government rights in technical data, etc. The relationships between these various entity tables are depicted in Figures 01GEN1 through 01GEN6.

B.5.1.1. Table 000, Generic Entity Identification (ENTITY-IDENTIFIER). This is a 'virtual' table; it is included in the conceptual diagram only to show the concept of an entity identifier. It is not expected that a physical database would include a similar table. It has two subtypes: AUTHOR/001 and ENTERPRISE/002.

Code	Data Element Title	DED	Key
ENTYID000	entity-identifier	0033	K
ENTTYP000	entity-type-code	0076	M

B.5.1.2. Table 001, Author identification (AUTHOR). This table contains author names and is a subtype of Table ENTITY-IDENTIFIER/000. Author names are one type of document source.

- a. Attribute entity-identifier (ENTYID000) inherited from Table 000 assumes the role author-human-name (AUTNAM001).



B-9

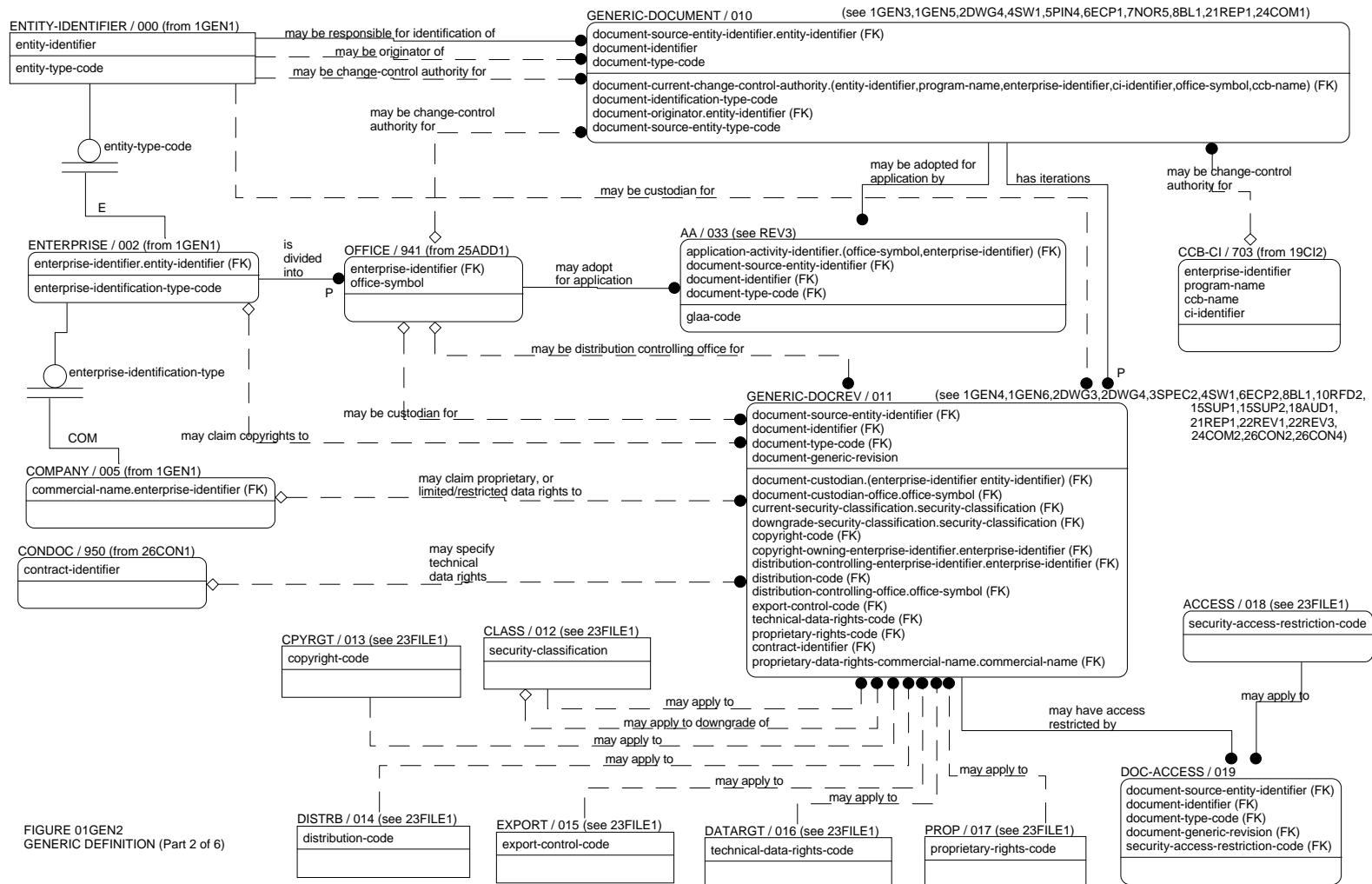


FIGURE 01GEN2
GENERIC DEFINITION (Part 2 of 6)

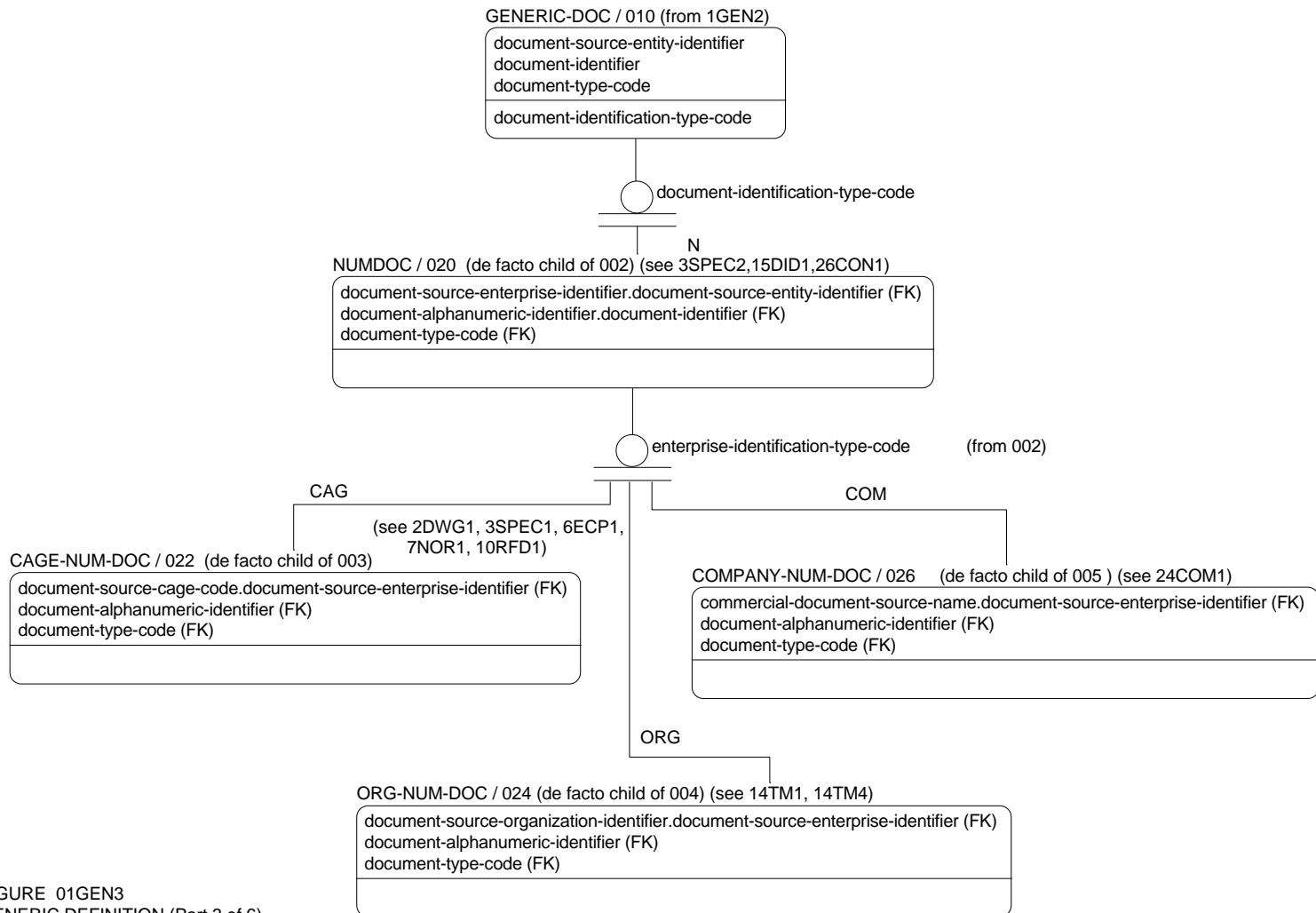
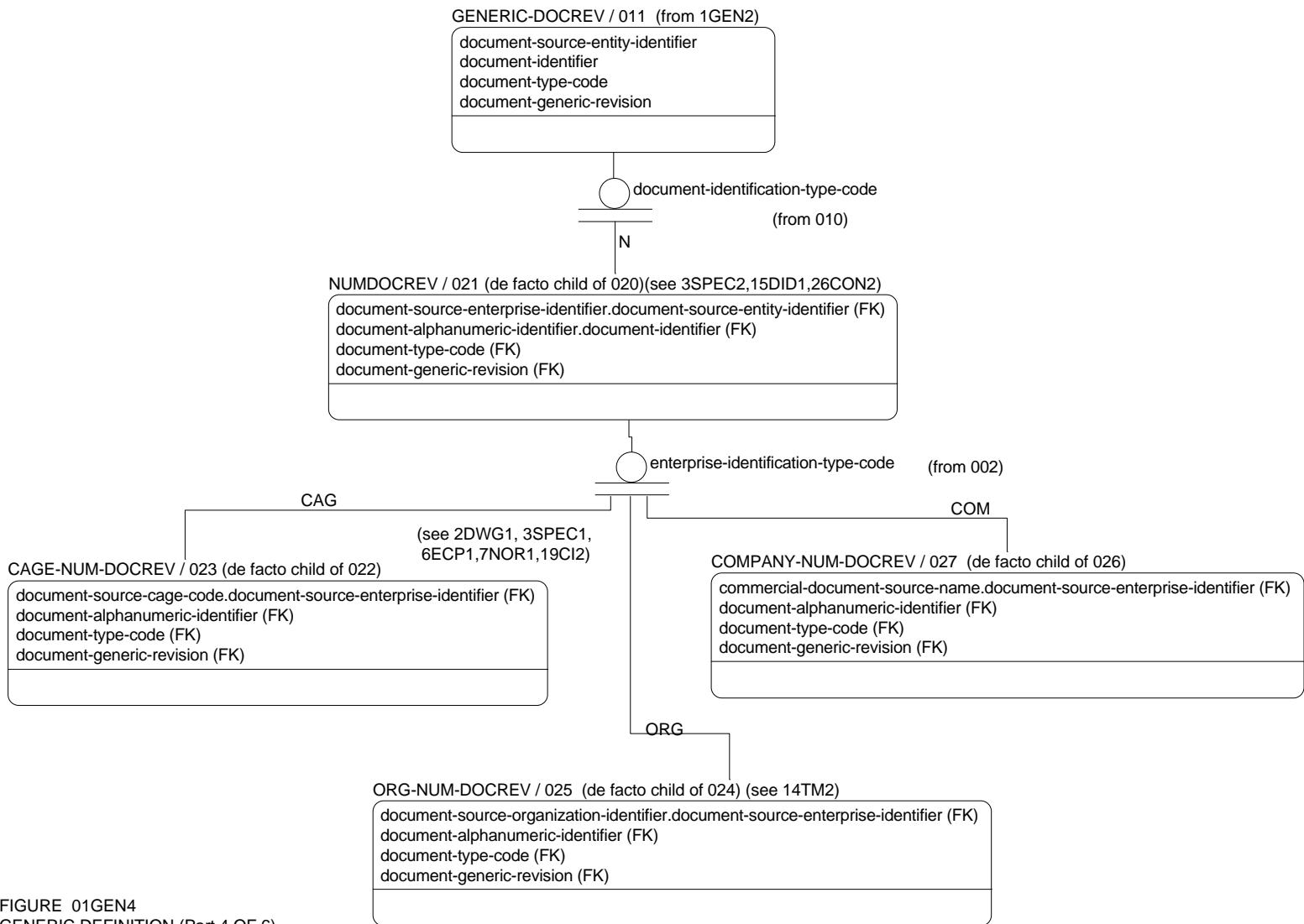


FIGURE 01GEN3
GENERIC DEFINITION (Part 3 of 6)



B-11

FIGURE 01GEN4
GENERIC DEFINITION (Part 4 OF 6)

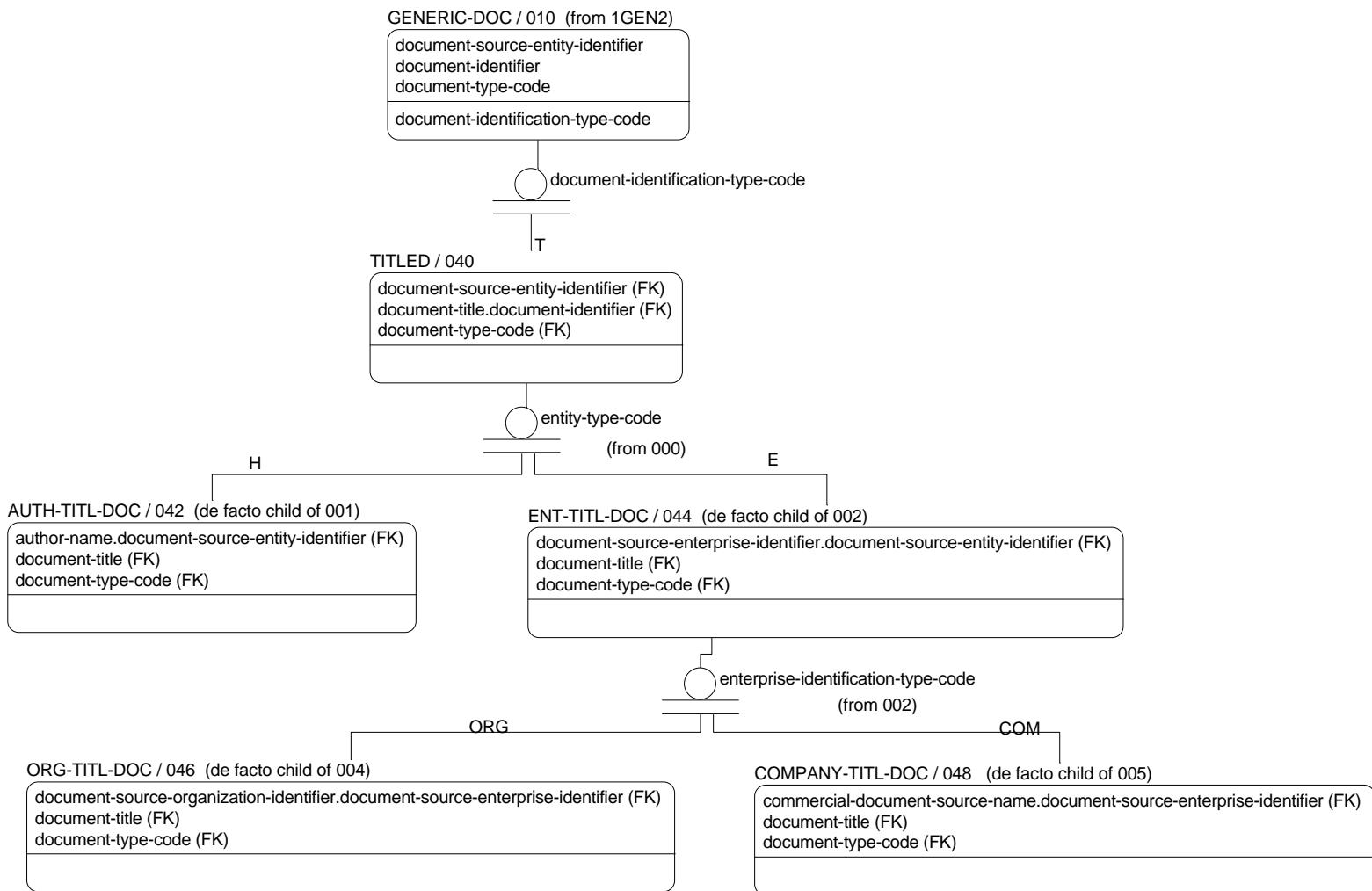


FIGURE 01GEN5
GENERIC DEFINITION (Part 5 of 6)

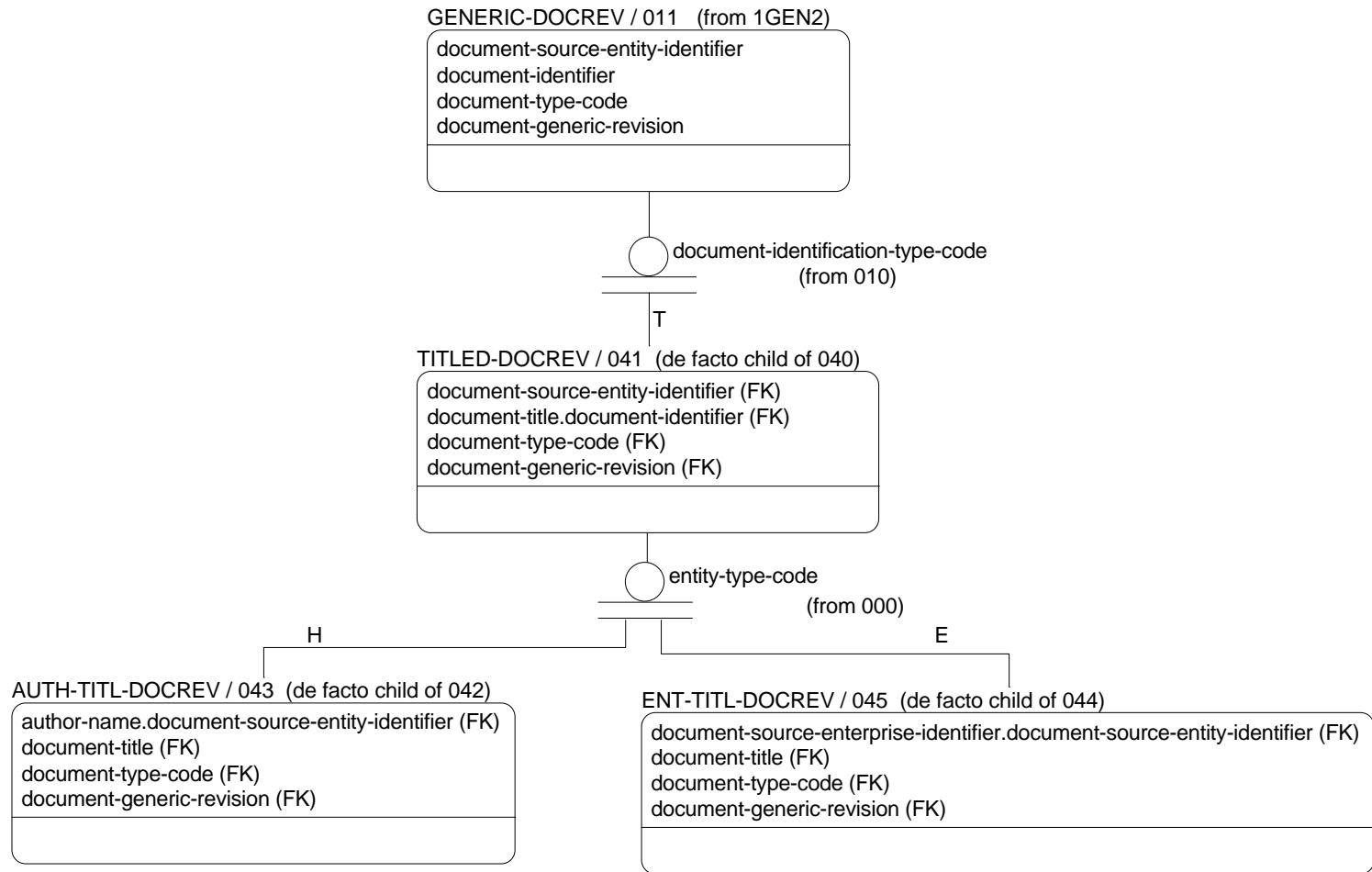


FIGURE 01GEN6
GENERIC DEFINITION (Part 6 of 6)

MIL-STD-2549
APPENDIX B

Code	Data Element Title	DED	Key
AUTNAM001	author-human-name	0069	FK

B.5.1.3. Table 002, Enterprise identification (ENTERPRISE). This table is a subtype of Table ENTITY-IDENTIFIER/001, and contains the identifiers of enterprises such as companies, industry standards organizations, and Government agencies, etc. It has three subtypes: CAGE/003, ORGANIZATION/004, and COMPANY/005.

- a. Attribute entity-identifier (ENTYID000) inherited from Table 000 assumes the role enterprise-identifier (ENTIDN002).

Code	Data Element Title	DED	Key
ENTIDN002	enterprise-identifier	0052	FK
ENTTYP002	enterprise-identification-type-code	0050	M

B.5.1.4. Table 003, Commercial and Government entity code (CAGE). This table is a subtype of Table ENTERPRISE/002, and contains valid CAGE codes and NSCM codes as listed in Handbook H4. It has two subtypes: Tables COM-CAGE/034 and GOV-CAGE/035, which associate a commercial or Government (DoD) organization name with the CAGE (or NSCM) code.

- a. Attribute enterprise-identifier (ENTIDN002) inherited from Table 002 assumes the role enterprise-defense-logistics--assigned-identification-code (CAGNUM003).

Code	Data Element Title	DED	Key
CAGNUM003	enterprise-defense-logistics--assigned-identification-code	0001	FK
CAGTYP003	enterprise-defense-logistics--assigned-identification-type-code	0102	M

B.5.1.5. Table 004, Organizations identified by acronym (ORGANIZATION). This table is a subtype of Table ENTERPRISE/002, and contains the identification and name of recognized Government and non-Government organizations which are identified by acronyms. This table is part of the DOD Enterprise Data Model. According to the DOD Enterprise Data Model, an organization is defined as an administrative structure with a mission. This table has six subtypes: DOD-ORGANIZATION/034, OTHER-US-GOVT-ORGANIZATION/0035, US-NON-GOVT-ORGANIZATION/036, FOREIGN-GOVT-ORGANIZATION/037, FOREIGN-NON-GOVT-ORGANIZATION/038, and INTERNATIONAL-ORGANIZATION/039).

- a. The organization-type-identifier (ORGTYP004) is inherited from Table ORGANIZATION-TYPE (not shown in Figure 01GEN1) in the DOD Enterprise Data Model.
- b. Attribute enterprise-identifier (ENTIDN002) inherited from Table 002 assumes the role organization-identifier (ORGIDN004).

Code	Data Element Title	DED	Key
ORGIDN004	organization-identifier	0096	FK
ORGTYP004	organization-type-identifier	0095	FK, O
ENTNAM004	enterprise-name	0170	M

MIL-STD-2549
APPENDIX B

B.5.1.6. Table 005, Company identification by name (COMPANY). This table is a subtype of Table ENTERPRISE/002, and contains the name of companies used in this database.

- a. Attribute enterprise-identifier (ENTIDN002) inherited from Table 002 assumes the role commercial-enterprise-name (COMNAM005).

Code	Data Element Title	DED	Key
COMNAM005	commercial-enterprise-name	0170	FK

B.5.1.7. Table 006, Commercial CAGE code (COM-CAGE). This table is a subtype of Table CAGE/003 consisting of those CAGE codes which identify commercial enterprises. It contains the commercial enterprise name which is associated with the CAGE code.

Code	Data Element Title	DED	Key
CAGNUM003	enterprise-defense-logistics--assigned-identification-code	0001	FK
COMNAM005	commercial-enterprise-name	0170	FK

B.5.1.8. Table 007, Government CAGE code (GOV-CAGE). This table is a subtype of Table CAGE/003 consisting of those CAGE codes which identify U.S. DOD organizations. It contains the organization identifying acronym which is associated with the CAGE code.

Code	Data Element Title	DED	Key
CAGNUM003	enterprise-defense-logistics--assigned-identification-code	0001	FK
DODORG034	united-states-defense-department-enterprise-acronym-identification-code	0002	FK

B.5.1.9. Tables 8 and 9. Reserved.

B.5.1.10. Table 010, Document identification (GENERIC-DOCUMENT). This table is designed to permit the inclusion of all types of documents. It is strongly sub-typed as depicted in Table B-I and the accompanying entity relation diagrams.

- a. The document-current-change-control-authority-entity-identifier (CCCENT010) is usually the same as either the document originator (indicated in various subtypes of GENERIC-DOCREV/011), or the document-source-entity-identifier (SRCIDN010); however, it can be some other entity or a configuration control board. As a result, the value of this element is a concatenation of various inherited fields. The first 30 characters are the entity-identifier (ENTYID000) inherited from Table 000, or the enterprise-identifier (ENTIDN002) inherited from either Table 703 or 941. The next 20 characters are either the enterprise-division-name (OFFSYM941) inherited from Table 941, or blank. The remaining characters are either blank or the concatenation of the program-name (PROGNM691), program-configuration-control-board-name (CCBNAM700), and configuration-item-product-identifier (CIIDEN695), all of which are inherited from Table 703. If document-type-code (DOCTYP010) has a value of 'ECP', then the value of CCCENT010 for the ECP must be the same as the value of CCCENT010 for each document listed in Table ECPREV-DOCREV/266 for this instance of GENERIC-DOC and GENERIC-DOCREV.

MIL-STD-2549
APPENDIX B

TABLE B-I. Types of documents supported.

Document Type (see App C, DED 0004 for definitions of codes)	Document Identification Type	Document Source Identification Type Code (See App C, DED 0100)			
		enterprise identifier			author (A)
		CAGE code (C)	organizational acronym (O)	company name (M)	
ANALYS	NUMBER	X		X	
	TITLE			X	X
BOOK	TITLE		X	X	X
CONTRCT	NUMBER		X	X	
DID	NUMBER	X	DOD	X	
DIRECTV	NUMBER	X		X	
	TITLE	X	X	X	
DL	NUMBER	X			
DOCSUP	NUMBER	X	X	X	
DWG	NUMBER	X		X	
ECP	NUMBER	X			
IL	NUMBER	X			
MISC	NUMBER	X	X	X	X
	TITLE	X	X	X	X
MODINST	NUMBER	X	X	X	
	TITLE		X	X	
MODREQ	NUMBER	X	X	X	
	TITLE		X	X	
NOR	NUMBER	X			
PERIODL	NUMBER		X	X	
	TITLE		X	X	X
PL	NUMBER	X		X	
PLNPROC	NUMBER	X		X	
	TITLE	X	X	X	
P-SPEC	NUMBER	X			
REPORT	NUMBER	X	X	X	
	TITLE	X	X	X	
RFD	NUMBER	X			

MIL-STD-2549
APPENDIX B

TABLE B-I. Types of documents supported.

Document Type (see App C, DED 0004 for definitions of codes)	Document Identification Type	Document Source Identification Type Code (See App C, DED 0100)			author (A)	
		enterprise identifier				
		CAGE code (C)	organizational acronym (O)	company name (M)		
STDDOC	NUMBER	X				
SVD	NUMBER	X				
SW	NUMBER	X		X		
	TITLE			X		
SWDOC	NUMBER	X		X		
	TITLE			X		
TECHMAN	NUMBER		USA, USN, USMC	X		
	TITLE			X		
TRD	NUMBER	X		X		

Note: "X" indicates any valid entry is permissible; "blank" indicates that this combination of document-type, document-identification-type and source-identifier-type is not supported.

- b. The value of interface-control-document-indicator-code (ICDCOD010) must be blank unless the value of document-type-code (DOCTYP010) is 'ANALYS', 'MISC', 'P-SPEC', 'REPORT', or 'STDDOC'. (See also: Table 051, Field CONTYP051, and Table 912, Field CONTYP912.)
- c. Attribute entity-identifier (ENTYID000) inherited from Table 000 assumes the role document-origination-entity-identifier (ORIGIN010).
- d. Attribute entity-identifier (ENTYID000) inherited from Table 000 assumes the role document-source-entity-identifier (SRCIDN010).

Code	Data Element Title	DED	Key
DOCIDN010	document-identifier	0122	K
DOCTYP010	document-type-code	0004	K
SRCIDN010	document-source-entity-identifier	0033	FK
CCCENT010	document-current-change-control-authority-identifier	0239	FK
ORIGIN010	document-origination-entity-identifier	0033	FK
CCCADT010	document-change-control-authority-effective-date	0082	M
ENTTYP010	document-source-identification-type-code	0100	M
ICDCOD010	interface-control-document-indicator-code	0030	
IDNTYP010	document-identification-type-code	0101	M

B.5.1.11. Table 011, Document revision identification and attributes (GENERIC-DOCREV). This table depicts the typical document revision information. The various security classification codes shown in Figure 01GEN2 are typical of all documents and, therefore, are included here rather than on each subentity table.

- a. The proprietary-data-rights-commercial-enterprise-name (PRPCOM011) is the name of the company claiming company proprietary rights and/or rights in technical data or software and, therefore, must be nonblank if the document-company-proprietary-data-rights-code (PRPCOD017) has a value of 'P' or 'S', or if the technical-document-government-data-rights-code (RGTCOD016) has any value other than 'U' or 'N'. In all other cases, the value of proprietary-data-rights-commercial-enterprise-name must be blank. If the technical-document-government-data-rights-code (RGTCOD016) has any value other than 'U' or 'N', the value of document-company-proprietary-data-rights-code (PRPCOD017) must be 'P'.
- b. The contract-document-identifier (CONIDN950) must appear as part of the Government rights in technical data claim text and, therefore, must be nonblank if the technical-document-government-data-rights-code is anything other than 'U' or 'N'; in all other cases, it is optional. The technical-document-government-data-rights-expiration-date (RGTEXP011) also must be blank if the value of RGTCOD016 is 'U' or 'N', and must be nonblank for all other values.
- c. The copyright-owner-enterprise-identifier (CPYENT011) is the name of the enterprise which has copyrighted the data and, therefore, must be blank if the document-copyright-code (CPYC0D13) has a value of 'N'; and must be nonblank for all other values.
- d. The document-distribution-controller-enterprise-identifier (DISENT011) and the document-distribution-controller-enterprise-office-name (DISOFF011) together identify the distribution controlling office which appears as part of the distribution statement and, therefore, they both must be blank if the value of document-distribution-statement-code (DISCOD014) is 'N' or 'A' and must be nonblank for all other values. The document-distribution-restriction-determination-date (DISDAT011) is the date of determination that a distribution statement is required and, therefore, must be blank if the value of DISCOD014 has a value of 'N' or 'A' and nonblank for all other values.
- e. If the document-current-security-classification-code (SECCOD011) is any value other than 'U' or 'FOUO', the document-security-classification-date (SCLSDT011) must be nonblank, either the document-security-declassification-date (SDCLDT011) or the document-security-declassification-process-event-name (SDCLEV011) must be nonblank, and the document-security-classification-authority-text (SECAUT011) must be nonblank. Additionally, if the value of SECCOD011 is anything other than 'U', 'C', 'NC', 'NR' or 'FOUO', the value of document-downgrade-security-classification-code (SDWNCD011) may be nonblank; otherwise, it must be blank. If SDWNCD011 is nonblank, either the document-security-classification-downgrade-date (SDWNNDT011) or the document-security-classification-downgrade-process-event-name (SDWNEV011) must be nonblank; otherwise, they must be blank. If the value of SECCOD011 is 'U' or 'FOUO', then, the values of SCLSDT011, SDCLDT011, SDCLEV011, SDWNCD011, SDWNNDT011, SDWNEV011, and SECAUT011 must be blank.
- f. If the value of document-identification-type-code in Table 010 is 'T', then the value of document-identifier (DOCIDN010) and document-name (DOCTIT011) must be the same.
- g. Attribute enterprise-identifier (ENTIDN002) inherited from Table 002 assumes the role copyright-owner-enterprise-identifier (CPYENT011).
- h. Attribute enterprise-office-name (OFFSYM941) inherited from Table 941 assumes the role document-custodial-enterprise-office-name (CUSOFF011).

MIL-STD-2549
APPENDIX B

- i. Attribute entity-identifier (ENTYID000) inherited from Table 000 and enterprise-identifier (ENTIDN002) inherited from Table 941 must have the same value and merge to assume the role document-custodial-entity-identifier (CUSORG011).
- j. Attribute enterprise-identifier (ENTIDN002) inherited from Table 941 assumes the role document-distribution-controller-enterprise-identifier (DISENT011).
- k. Attribute enterprise-office-name (OFFSYM941) inherited from Table 941 assumes the role document-distribution-controller-enterprise-office-name (DISOFF011).
- l. Attribute commercial-enterprise-name (COMNAM005) inherited from Table 005 assumes the role proprietary-data-rights-commercial-enterprise-name (PRPCOM011).
- m. Attribute document-security-classification-code (SECCOD012) inherited from Table 012 assumes the role document-downgrade-security-classification-code (SDWNCD011).
- n. Attribute document-security-classification-code (SECCOD012) inherited from Table 012 assumes the role document-current-security-classification-code (SECCOD011).

Code	Data Element Title	DED	Key
DOCREV011	document-generic-revision-identifier	0243	K
DOCIDN010	document-identifier	0122	FK
DOCTYP010	document-type-code	0004	FK
SRCIDN010	document-source-entity-identifier	0033	FK
CONIDN950	contract-document-identifier	0015	FK, O
CPYCOD013	document-copyright-code	0012	FK
CPYENT011	copyright-owner-enterprise-identifier	0052	FK, O
CUSOFF011	document-custodial-enterprise-office-name	0044	FK, O
CUSORG011	document-custodial-entity-identifier	0033	FK
DISCOD014	document-distribution-statement-code	0014	FK
DISENT011	document-distribution-controller-enterprise-identifier	0052	FK, O
DISOFF011	document-distribution-controller-enterprise-office-name	0044	FK, O
EXPCOD015	document-export-control-code	0079	FK
PRPCOD017	document-company-proprietary-data-rights-code	0084	FK
PRPCOM011	proprietary-data-rights-commercial-enterprise-name	0170	FK, O
RGTCOD016	technical-document-government-data-rights-code	0022	FK
SDWNCD011	document-downgrade-security-classification-code	0010	FK, O
SECCOD011	document-current-security-classification-code	0010	FK
DISDAT011	document-distribution-restriction-determination-date	0082	
DOCTIT011	document-name	0008	M
PREPDT011	document-preparation-date	0082	M
RGTEXP011	technical-document-government-data-rights-expiration-date	0082	
SCLSDT011	document-security-classification-date	0082	

MIL-STD-2549
APPENDIX B

SDCLDT011	document-security-declassification-date	0082
SDCLEV011	document-security-declassification-process-event-name	0156
SDWNDT011	document-security-classification-downgrade-date	0082
SDWNEV011	document-security-classification-downgrade-process-event-name	0156
SECAUT011	document-security-classification-authority-text	0155

B.5.1.12. Table 012, Security classification (CLASS). This table contains the Government security classification codes and their meanings. It is used to standardize the full text or meaning of a classification when extracted for inclusion within a report or on CITIS display transactions.

Code	Data Element Title	DED	Key
SECCOD012	document-security-classification-code	0010	K
SECCLS012	document-security-classification-name	0011	M

B.5.1.13. Table 013, Copyright (CPYRGT). This table contains the copyright codes and their meanings. It is used to standardize the full text or meaning of a copyright statement when extracted for inclusion within a report or on CITIS display transactions.

Code	Data Element Title	DED	Key
CPYCOD013	document-copyright-code	0012	K
CPYTXT013	document-copyright-text	0013	M

B.5.1.14. Table 014, Distribution Code (DISTRB). This table contains the Government distribution statement codes and their long and short form meanings. Some document distribution statements require a reason for limiting the distribution. A code is assigned to each statement/reason combination and is used to standardize the full text or meaning of a distribution statement when extracted for inclusion within a report or on CITIS display transactions.

Code	Data Element Title	DED	Key
DISCOD014	document-distribution-statement-code	0014	K
LNSTMTO14	document-long-distribution-statement-text	0016	M
SHSTMTO14	document-short-distribution-statement-text	0016	M

B.5.1.15. Table 015, Export Control Warning (EXPORT). This table contains the Government export control codes and their meanings. It is used to standardize the full text or meaning of the export control statement when extracted for inclusion within a report or on CITIS display transactions.

MIL-STD-2549
APPENDIX B

Code	Data Element Title	DED	Key
EXPCOD015	document-export-control-code	0079	K
EXPTXT015	document-export-control-warning-text	0080	M

B.5.1.16. Table 016, Government rights in technical data and software (DATARGT). This table contains the Government rights in technical data and software codes and their short and long text meanings. It is used to standardize the full text or meaning of a technical data rights code when extracted for inclusion within a report or on CITIS display transactions.

Code	Data Element Title	DED	Key
RGTCOD016	technical-document-government-data-rights-code	0022	K
RGTTXT016	technical-document-government-data-rights-text	0083	M

B.5.1.17. Table 017, Company proprietary rights (PROP). This table contains the company proprietary rights codes (including competition sensitive) and their meanings. It is used to standardize the full text or meaning of company proprietary rights when extracted for inclusion within a report or on CITIS display transactions.

Code	Data Element Title	DED	Key
PRPCOD017	document-company-proprietary-data-rights-code	0084	K
PRPTXT017	document-company-proprietary-data-rights-text	0117	M

B.5.1.18. Table 018, Security access restrictions (ACCESS). This table contains the Government security access restrictions and their meanings. It is used to standardize the full text or meaning of access restriction codes when extracted for inclusion within a report or on CITIS display transactions.

Code	Data Element Title	DED	Key
ACCCOD018	document-security-access-restriction-code	0085	K
ACCTXT018	document-security-access-restriction-text	0157	M

B.5.1.19. Table 019, Special security access restrictions (DOC-ACCESS). This table correlates special Government security access restrictions with specific document revisions.

Code	Data Element Title	DED	Key
ACCCOD018	document-security-access-restriction-code	0085	FK
DOCIDN010	document-identifier	0122	FK
DOCREV011	document-generic-revision-identifier	0243	FK
DOCTYP010	document-type-code	0004	FK
SRCIDN010	document-source-entity-identifier	0033	FK

MIL-STD-2549
APPENDIX B

B.5.1.20. Table 020, Documents identified by number (NUMDOC). This table is a subtype of Table GENERIC-DOC/010, containing the identifiers of all documents which are primarily identified by a number, as opposed to a title. For all entries in this table, the value of entity-type-code (ENTTYP000) in Table 000 must be 'E'. Due to parallel categorization, this table is a de facto child of Table ENTERPRISE/002.

- a. Attribute document-identifier (DOCIDN010) inherited from Table 010 assumes the role document-alphanumeric-identifier (DOCNUM020).
- b. Because this table is a de facto child of Table 002, the value of document-source-entity-identifier (SRCIDN010) inherited from Table 010 must exist as a enterprise-identifier (ENTIDN002) in Table 002. SRCIDN010 assumes the role document-source-enterprise-identifier (SRCENT020).

Code	Data Element Title	DED	Key
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCTYP010	document-type-code	0004	FK
SRCENT020	document-source-enterprise-identifier	0052	FK

B.5.1.21. Table 021, Revisions to numbered documents (NUMDOCREV). This table is a subtype of Table GENERIC-DOCREV/011, containing the subset of all revised documents which are primarily identified by a number, as opposed to a document identified only by a title.

- a. Due to parallel categorization, this table is a de facto child of Table NUMDOC/020.
- b. Attribute document-identifier (DOCIDN010) inherited from Table 011 assumes the role document-alphanumeric-identifier (DOCNUM020).
- c. Because this table is a de facto child of Table 020, document-source-entity-identifier (SRCIDN010) inherited from Table 011 is really a document-source-enterprise-identifier (SRCENT020) existing in Table 020. Therefore, SRCIDN010 assumes the identity SRCENT020.

Code	Data Element Title	DED	Key
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCREV011	document-generic-revision-identifier	0243	FK
DOCTYP010	document-type-code	0004	FK
SRCENT020	document-source-enterprise-identifier	0052	FK

B.5.1.22. Table 022, Documents identified by CAGE code and number (CAGE-NUM-DOC). This table is a subtype of Table NUMDOC/020 and consists of the subset of documents identified primarily by number (as opposed to by title) and which are also identified by a CAGE code or NSCM code.

- a. Subentities of this table are based on the document-type-code. They are not shown graphically, but can be determined from Table B-I.
- b. Due to parallel categorization, this table is a de facto child of Table CAGE/003.

MIL-STD-2549
APPENDIX B

- c. Because this table is a de facto child of Table 003, the value of document-source-enterprise-identifier (SRCENT020) inherited from Table 020 must exist as a enterprise-defense-logistics--assigned-identification-code (CAGNUM003) in Table 003. SRCENT020 assumes the role document-source-enterprise-defense-logistics--assigned-identification-code (SRCCAG022).

Code	Data Element Title	DED	Key
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCTYP010	document-type-code	0004	FK
SRCCAG022	document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK

B.5.1.23. Table 023, Revisions to documents identified by a CAGE code and number (CAGE-NUM-DOCREV). This table is a subtype of Table NUMDOCREV/021 and consists of the subset of revised documents which are identified primarily by number (as opposed to by title) and which are also identified by a CAGE code or NSCM code.

- a. Due to parallel categorization, this table is a de facto child of Table CAGE-NUM-DOC/022.
- b. This table has subtypes based on document-type-code (DOCTYP010). Because it is a de facto child of Table CAGE-NUM-DOC/022, it has the same subtypes as Table CAGE-NUM-DOC/022.
- c. Because this table is a de facto child of Table 022, document-source-enterprise-identifier (SRCENT020) inherited from Table 021 is really a document-source-enterprise-defense-logistics--assigned-identification-code (SRCCAG022) existing in Table 022. Therefore, SRCENT020 assumes the identity SRCCAG022.

Code	Data Element Title	DED	Key
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCREV011	document-generic-revision-identifier	0243	FK
DOCTYP010	document-type-code	0004	FK
SRCCAG022	document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK

B.5.1.24. Table 024, Documents identified by an issuing organization acronym and number (ORG-NUM-DOC). This table is a subtype of Table NUMDOC/020, consisting of those documents which are identified by a number and an issuing organization which is identified by an acronym (for example: ANSI Y14-24M, [DOD] MIL-STD-973, etc.). Due to parallel categorization, this table is a de facto child of Table ORGANIZATION/004.

- a. Because it is a de facto child of Table 004, it has the same six subtypes as Table 004; however, only two of these are shown graphically in Figure 1GEN3.
- b. Because this table is a de facto child of Table 004, the value of document-source-enterprise-identifier (SRCENT020) inherited from Table 020 must exist as a organization-identifier (ORGIDN004) in Table 004. SRCENT020 assumes the role document-source-organization-identifier (SRCORG024).

MIL-STD-2549
APPENDIX B

Code	Data Element Title	DED	Key
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCTYP010	document-type-code	0004	FK
SRCORG024	document-source-organization-identifier	0096	FK

B.5.1.25. Table 025, Revisions to documents identified by an organization acronym and number (ORG-NUM-DOCREV). This table is a subtype of Table NUMDOCREV/021, consisting of those revised documents that are identified by an issuing organization acronym and a number.

- a. Due to parallel categorization, this table is a de facto child of Table ORG-NUM-DOC/024.
- b. This table has subtypes based on document-type-code (DOCTYP010). Because it is a de facto child of Table ORG-NUM-DOC/024, it has the same subtypes as ORG-NUM-DOC/024.
- c. Because this table is a de facto child of Table 024, document-source-enterprise-identifier (SRCENT020) inherited from Table 021 is really a document-source-organization-identifier (SRCORG024) existing in Table 024. Therefore, SRCENT020 assumes the identity SRCORG024.

Code	Data Element Title	DED	Key
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCREV011	document-generic-revision-identifier	0243	FK
DOCTYP010	document-type-code	0004	FK
SRCORG024	document-source-organization-identifier	0096	FK

B.5.1.26. Table 026, Documents identified by a company name and number (COMPANY-NUM-DOC). This table is a subtype of Table NUMDOC/020, consisting of those numbered documents whose issuing organization is identified by a company name. Subtypes of this table are based on document-type-code. They are not shown graphically, but can be determined from Table B-I. Due to parallel categorization, this table is a de facto child of Table COMPANY/005.

- a. Because this table is a de facto child of Table 005, the value of document-source-enterprise-identifier (SRCENT020) inherited from Table 020 must exist as a commercial-enterprise-name (COMNAM005) in Table 005. SRCENT020 assumes the role commercial-document-source-enterprise-name (SRCCOM026).

Code	Data Element Title	DED	Key
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCTYP010	document-type-code	0004	FK
SRCCOM026	commercial-document-source-enterprise-name	0170	FK

B.5.1.27. Table 027, Revisions to documents identified by a document number and company name (COMPANY-NUM-DOCREV). This table is a subtype of Table NUMDOCREV/021, consisting of those revised documents which are identified by an issuing company name and a number.

MIL-STD-2549
APPENDIX B

- a. Due to parallel categorization, this table is a de facto child of Table COMPANY-NUM-DOC/026.
- b. This table has subtypes based on document-type-code (DOCTYP010). Because it is a de facto child of Table COMPANY-NUM-DOC/026, it has the same subtypes as COMPANY-NUM-DOC/026.
- c. Because this table is a de facto child of Table 026, document-source-enterprise-identifier (SRCENT020) inherited from Table 021 is really a commercial-document-source-enterprise-name (SRCCOM026) existing in Table 026. Therefore, SRCENT020 assumes the identity SRCCOM026.

Code	Data Element Title	DED	Key
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCREV011	document-generic-revision-identifier	0243	FK
DOCTYP010	document-type-code	0004	FK
SRCCOM026	commercial-document-source-enterprise-name	0170	FK

B.5.1.28. Tables 28 through 32. Reserved.

B.5.1.29. Table 033, Application Activities (AA). This table identifies the activity(ies) which have adopted a document for use.

- a. The attributes enterprise-identifier (ENTIDN002) and enterprise-office-name (OFFSYM941) inherited from Table 941 are concatenated and assume the role application-activity-enterprise-division-identifier (APPACT033). (See Appendix C for concatenation order.)

Code	Data Element Title	DED	Key
APPACT033	application-activity-enterprise-division-identifier	0228	FK
DOCIDN010	document-identifier	0122	FK
DOCTYP010	document-type-code	0004	FK
SRCIDN010	document-source-entity-identifier	0033	FK
GLAACD033	application-activity-program-government-lead-indicator-code	0128	M

B.5.1.30. Table 034, DOD organizations (DOD-ORGANIZATION). This table is a part of the DOD Enterprise Data Model and is a subtype of Table ORGANIZATION/004. It contains the identifiers of DOD organizations. It has five subtypes (not shown): DEFENSE-SECRETARY, DEFENSE-AGENCY, JOINT-MILITARY-STAFF, MILITARY-SERVICE, and UNIFIED/SPECIFIED-COMMAND. For the purpose of CSA, we are interested in those organizations which create, have change control authority over, or have custodial responsibility for documents.

- a. The united-states-defense-department-organization-type-identifier (DODTYP006) is inherited from Table DOD-ORGANIZATION-TYPE (not shown in Figure 01GEN1) in the DOD Enterprise Data Model.
- b. Attribute organization-identifier (ORGIDN004) inherited from Table 004 assumes the role united-states-defense-department-enterprise-acronym-identification-code (DODORG034).

MIL-STD-2549
APPENDIX B

Code	Data Element Title	DED	Key
DODORG034	united-states-defense-department-enterprise-acronym-identification-code	0002	FK
DODTYP034	united-states-defense-department-organization-type-identifier	0097	FK

B.5.1.31. Table 035, Other US Government organization identification (OTHER-US-GOVT-ORGANIZATION). This table is part of the DOD Enterprise Data Model and is a subtype of Table ORGANIZATION / 004. It contains the identifying acronym of non-defense organizations of the U.S. Government (for example: DOE, DOT, NASA, OSHA, etc.).

- a. Attribute organization-identifier (ORGIDN004) inherited from Table 004 assumes the role united-states-government-nondefense-enterprise-acronym-identification-code (GOVORG035).

Code	Data Element Title	DED	Key
GOVORG035	united-states-government-nondefense-enterprise-acronym-identification-code	0002	FK

B.5.1.32. Table 036, US non-Government organization identification (US-NON-GOVT-ORGANIZATION). This table is part of the DOD Enterprise Data model and is a subtype of Table ORGANIZATION / 004. It contains the identifying acronym for U.S. industry, professional, and other U.S. non-Government organizations, such as IEEE, AIA, EIA, ANSI, etc.

- a. Attribute organization-identifier (ORGIDN004) inherited from Table 004 assumes the role united-states-nongovernment-enterprise-acronym-identification-code (INDORG036).

Code	Data Element Title	DED	Key
INDORG036	united-states-nongovernment-enterprise-acronym-identification-code	0002	FK

B.5.1.33. Table 037, Non-U.S. government organizations (FOREIGN-GOVT-ORGANIZATION). This table is part of the DOD Enterprise Data Model and is a subtype of Table ORGANIZATION / 004. It contains the identifying acronym of government organizations of countries other than the U.S. (for example: UK MOD, CSA, etc.).

- a. Attribute organization-identifier (ORGIDN004) inherited from Table 004 assumes the role non--united-states-government-enterprise-acronym-identification-code (FGOVOR037).

Code	Data Element Title	DED	Key
FGOVOR037	non--united-states-government-enterprise-acronym-identification-code	0002	FK

B.5.1.34. Table 038, Non-U.S. nongovernment organizations (FOREIGN-NON-GOVT-ORGANIZATION). This table is part of the DOD Enterprise Data model and is a subtype of Table ORGANIZATION / 004. It contains

MIL-STD-2549
APPENDIX B

the identifying acronym for non-U.S. industry, professional, and other national nongovernment organizations; it does not include international organizations.

- a. Attribute organization-identifier (ORGIDN004) inherited from Table 004 assumes the role non--united-states-nongovernment-enterprise-acronym-identification-code (FNGVOR038).

Code	Data Element Title	DED	Key
FNGVOR038	non--united-states-nongovernment-enterprise-acronym-identification-code	0002	FK

B.5.1.35. Table 039, International organizations (INTERNATIONAL-ORGANIZATION). This table is part of the DOD Enterprise Data Model and is a subtype of Table ORGANIZATION / 004. It contains the identifying acronym of international organizations, such as ISO, AECMA, and NATO.

- a. Attribute organization-identifier (ORGIDN004) inherited from Table 004 assumes the role international-enterprise-acronym-identification-code (INTORG039).

Code	Data Element Title	DED	Key
INTORG039	international-enterprise-acronym-identification-code	0002	FK

B.5.1.36. Table 040, Documents identified by title in lieu of number (TITLED). This table is a subtype of Table GENERIC-DOC/010, containing the subset of all documents which are primarily identified by a title, as opposed to a document identified by a number.

- a. Attribute document-identifier (DOCIDN010) inherited from Table 010 assumes the role document-name (DOCTIT040).

Code	Data Element Title	DED	Key
DOCTIT040	document-name	0008	FK
DOCTYP010	document-type-code	0004	FK
SRCIDN010	document-source-entity-identifier	0033	FK

B.5.1.37. Table 041, Revisions to documents which are identified by a title (TITLED-DOCREV). This table is a subtype of Table GENERIC-DOCREV/011, containing the subset of all revised documents which are identified primarily by a title, as opposed to a number.

- a. Due to parallel categorization, this table is a de facto child of Table TITLED/040.
- b. Because this table is a de facto child of Table 040, document-identifier (DOCIDN010) inherited from Table 011 is really a document-name (DOCTIT040) existing in Table 040. Therefore, DOCIDN010 assumes the identity DOCTIT040.

MIL-STD-2549
APPENDIX B

Code	Data Element Title	DED	Key
DOCREV011	document-generic-revision-identifier	0243	FK
DOCTIT040	document-name	0008	FK
DOCTYP010	document-type-code	0004	FK
SRCIDN010	document-source-entity-identifier	0033	FK

B.5.1.38. Table 042, Documents identified by author name and title (AUTH-TITL-DOC). This table is a subtype of Table TITLED/040, containing the subset of documents identified primarily by title (as opposed to by number) and which are also identified by an author's name. Due to parallel categorization, this table is a de facto child of Table AUTHOR/001.

- a. Subtypes of this table are based on document-type. They are not shown graphically, but are as follows: 'BOOK', 'PERIODL'.
- b. Because this table is a de facto child of Table 001, document-source-entity-identifier (SRCIDN010) inherited from Table 040 is really a author-human-name (AUTNAM001) existing in Table 001. Therefore, SRCIDN010 assumes the identity AUTNAM001.

Code	Data Element Title	DED	Key
AUTNAM001	author-human-name	0069	FK
DOCTIT040	document-name	0008	FK
DOCTYP010	document-type-code	0004	FK

B.5.1.39. Table 043, Revisions to documents which are identified by title and author (AUTH-TITL-DOCREV). This table is a subtype of Table TITLED-DOCREV/041, containing the subset of all documents which have been revised and which are identified primarily by title (as opposed to by number) and which are also identified by an author's name.

- a. Due to parallel categorization, this table is a de facto child of Table AUTH-TITL-DOC/042.
- b. This table has subtypes based on document-type-code (DOCTYP010). Because it is a de facto child of Table AUTH-TITL-DOC/042, it has the same subtypes as AUTH-TITL-DOC/042.
- c. Because this table is a de facto child of Table 042, document-source-entity-identifier (SRCIDN010) inherited from Table 041 is really a author-human-name (AUTNAM001) existing in Table 042. Therefore, SRCIDN010 assumes the identity AUTNAM001.

Code	Data Element Title	DED	Key
AUTNAM001	author-human-name	0069	FK
DOCREV011	document-generic-revision-identifier	0243	FK
DOCTIT040	document-name	0008	FK
DOCTYP010	document-type-code	0004	FK

MIL-STD-2549
APPENDIX B

B.5.1.40. Table 044, Titled documents issued by an enterprise (ENT-TITL-DOC). This table is a subtype of Table TITLED/040, containing the subset of documents which are identified by an enterprise identification and a title. Due to parallel categorization, this table is a de facto child of Table ENTERPRISE/002. Thus, subtypes of this table depend on the value of the enterprise-identification-type-code in Table ENTERPRISE/002. (Notice that CAGE is not a valid subtype in this case.)

- a. Because this table is a de facto child of Table 002, the value of document-source-entity-identifier (SRCIDN010) inherited from Table 040 must exist as a enterprise-identifier (ENTIDN002) in Table 002. SRCIDN010 assumes the role document-source-enterprise-identifier (SRCENT044).

Code	Data Element Title	DED	Key
DOCTIT040	document-name	0008	FK
DOCTYP010	document-type-code	0004	FK
SRCENT044	document-source-enterprise-identifier	0052	FK

B.5.1.41. Table 045, Revisions to documents identified by issuing organization acronym and title (ENT-TITL-DOCREV). This table is a subtype of Table TITLED-DOCREV/041, containing the subset of all documents which have been revised and are identified primarily by a title (as opposed to by number) and by the acronym of the issuing organization (such as NATO, DOD, DLA, NSA, AIA, ISO, etc.).

- a. Due to parallel categorization, this table is a de facto child of Table ENT-TITL-DOC/044.
- b. Because this table is a de facto child of Table 044 it has the same subtypes as Table 044.
- c. Because this table is a de facto child of Table 044, document-source-entity-identifier (SRCIDN010) inherited from Table 041 is really a document-source-enterprise-identifier (SRCENT044) existing in Table 044. Therefore, SRCIDN010 assumes the identity SRCENT044.

Code	Data Element Title	DED	Key
DOCREV011	document-generic-revision-identifier	0243	FK
DOCTIT040	document-name	0008	FK
DOCTYP010	document-type-code	0004	FK
SRCENT044	document-source-enterprise-identifier	0052	FK

B.5.1.42. Table 046, Documents identified by an organization acronym and title (ORG-TITL-DOC). This table is a subtype of Table ENT-TITL-DOC/044, containing the subset of documents which are identified by a title and the acronym of the issuing organization.

- a. Due to parallel categorization, this table is a de facto child of Table ORGANIZATION/004.
- b. Subtypes of this table are based on document-type-code (DOCTYP010). They are not shown graphically, but can be determined from Table B-I.
- c. Because this table is a de facto child of Table 004, the value of document-source-enterprise-identifier (SRCENT044) inherited from Table 044 must exist as a organization-identifier (ORGIDN004) in Table 004. SRCENT044 assumes the role document-source-organization-identifier (SRCORG046).

MIL-STD-2549
APPENDIX B

Code	Data Element Title	DED	Key
DOCTIT040	document-name	0008	FK
DOCTYP010	document-type-code	0004	FK
SRCORG046	document-source-organization-identifier	0096	FK

B.5.1.43. Table 047, Revisions to documents identified by issuing organization acronym and title (ORG-TITL-DOCREV). This table is a subtype of Table ENT-TITL-DOCREV/045, containing the subset of all documents which have been revised and are identified primarily by a title (as opposed to by number) and by the acronym of the issuing organization (such as NATO, DOD, DLA, NSA, AIA, ISO, etc.).

- a. Due to parallel categorization, this table is a de facto child of Table ORG-TITL-DOC/046.
- b. Because this table is a de facto child of Table 046, it has the same subtypes as Table 046.
- c. Because this table is a de facto child of Table 046, document-source-enterprise-identifier (SRCENT044) inherited from Table 045 is really a document-source-organization-identifier (SRCORG046) existing in Table 046. Therefore, SRCENT044 assumes the identity SRCORG046.

Code	Data Element Title	DED	Key
DOCREV011	document-generic-revision-identifier	0243	FK
DOCTIT040	document-name	0008	FK
DOCTYP010	document-type-code	0004	FK
SRCORG046	document-source-organization-identifier	0096	FK

B.5.1.44. Table 048, Documents identified by company name and title (COMPANY-TITL-DOC). This table is a subtype of Table ENT-TITL-DOC/044, containing the subset of documents which are identified primarily by company name and title.

- a. Due to parallel categorization, this table is a de facto child of Table COMPANY/005.
- b. Subtypes of this table are based on document-type-code (DOCTYP010). They are not shown graphically, but can be determined from Table B-I.
- c. Because this table is a de facto child of Table 005, the value of document-source-enterprise-identifier (SRCENT044) inherited from Table 044 must exist as a commercial-enterprise-name (COMNAM005) in Table 005. SRCENT044 assumes the role commercial-document-source-enterprise-name (SRCCOM048).

Code	Data Element Title	DED	Key
DOCTIT040	document-name	0008	FK
DOCTYP010	document-type-code	0004	FK
SRCCOM048	commercial-document-source-enterprise-name	0170	FK

MIL-STD-2549
APPENDIX B

B.5.1.45. Table 049, Revisions to documents which are identified by a company name and document title (COMPANY-TITL-DOCREV). This table is a subtype of Table ENT-TITL-DOCREV/045, containing the subset of all documents which have been revised and are identified primarily by a title (as opposed to by number) and by the name of the issuing company.

- a. Due to parallel categorization, this table is a de facto child of Table COMPANY-TITL-DOC/048.
- b. Because this table is a de facto child of Table 048, document-source-enterprise-identifier (SRCENT044) inherited from Table 045 is really a commercial-document-source-enterprise-name (SRCCOM048) existing in Table 048. Therefore, SRCENT044 assumes the identity SRCCOM048.

Code	Data Element Title	DED	Key
DOCREV011	document-generic-revision-identifier	0243	FK
DOCTIT040	document-name	0008	FK
DOCTYP010	document-type-code	0004	FK
SRCCOM048	commercial-document-source-enterprise-name	0170	FK

MIL-STD-2549
APPENDIX B

B.5.2. Drawings and associated lists. Entity tables numbered in the range of 050 through 099 contain the identification of engineering drawings and associated lists which comply with either military or ANSI standards. This means that the contents of this section are limited to drawings and lists identified by a CAGE (or NSCM) code and a drawing number. This series of tables includes all the drawing/list-unique attributes which are necessary to the configuration management of the documents or the products¹. This includes the relationship between drawings and part definition, and the relationship between drawings and documents and parts referenced in the notes of a drawing. The relationships between these various entity tables are depicted in Figures 02DWG1 through 02DWG5.

B.5.2.1. Table 050, Drawing Definition (DWG). This table contains the unique identifier of the engineering drawing or associated list. An engineering drawing or associated list is one of four sub-types of Table CAGE-NUMDOC/022 for the cases where the document-type-code has the value of 'DWG', 'PL', 'DL', or 'IL'. (Note: Use of a CAGE code and number for identification of engineering drawings is the industry standard in the U.S. as defined in ANSI Y14.1 since 1980. Despite this standard, it is recognized that some small business companies still identify their drawings with a company name instead of a CAGE code; this practice is addressed in Table 912.)

- a. In this usage, the document-source-enterprise-defense-logistics--assigned-identification-code is usually called the Design CAGE Code.
- b. Attribute document-source-enterprise-defense-logistics--assigned-identification-code (SRCCAG022) inherited from Table 022 assumes the role design-enterprise-defense-logistics--assigned-identification-code (DESCAG050).
- c. Attribute document-alphanumeric-identifier (DOCTYP010) inherited from Table 022 assumes the role engineering-drawing-document-alphanumeric-identifier (DWGNUM050).

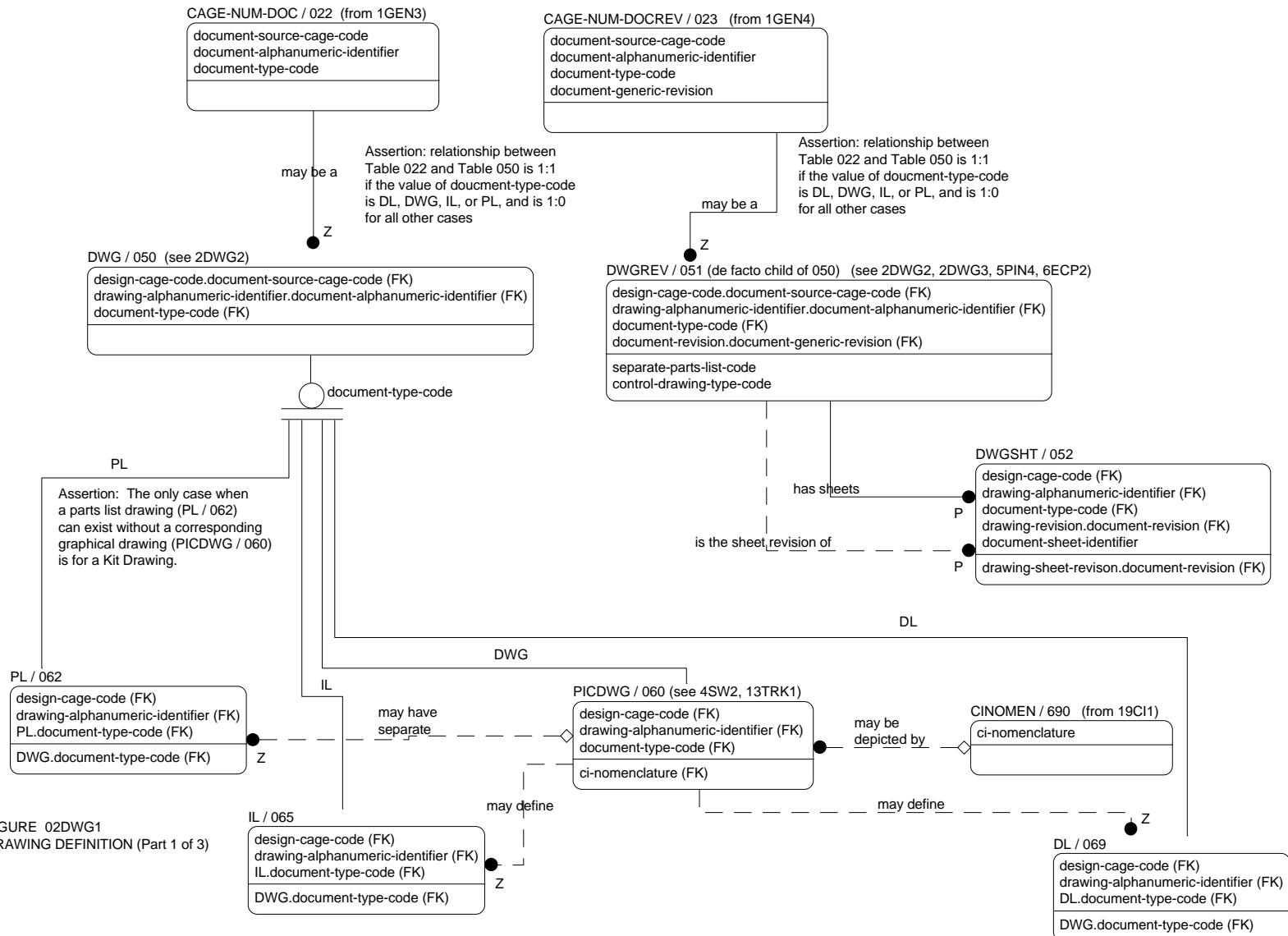
Code	Data Element Title	DED	Key
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DOCTYP010	document-type-code	0004	FK
DWGNUM050	engineering-drawing-document-alphanumeric-identifier	0003	FK

B.5.2.2. Table 051, Drawing Revision Definition (DWGREV). This table is the history of the various revisions to an engineering drawing or associated list. It is one subtype of Table CAGE-NUM-DOCREV/023 for the same case as the instances in Table CAGE-NUM-DOC/022, which is a de facto parent. This table also contains characteristics about the drawing, such as total sheets and sheet size.

- a. If the separate-parts-list-document-code (SEPCOD051) has a value of 'S' or 'T', then the administrative-control-drawing-document-type-code (CONTYP051) must have a value of 'N'.
- b. Because this table is a de facto child of Table 050, document-source-enterprise-defense-logistics--assigned-identification-code (SRCCAG022) inherited from Table 023 is really a design-enterprise-defense-logistics--assigned-identification-code (DESCAG050) existing in Table 050. Therefore, SRCCAG022 assumes the identity DESCAG050.

¹

exception: parts lists are in tables 200 to 249, see para B.5.5.



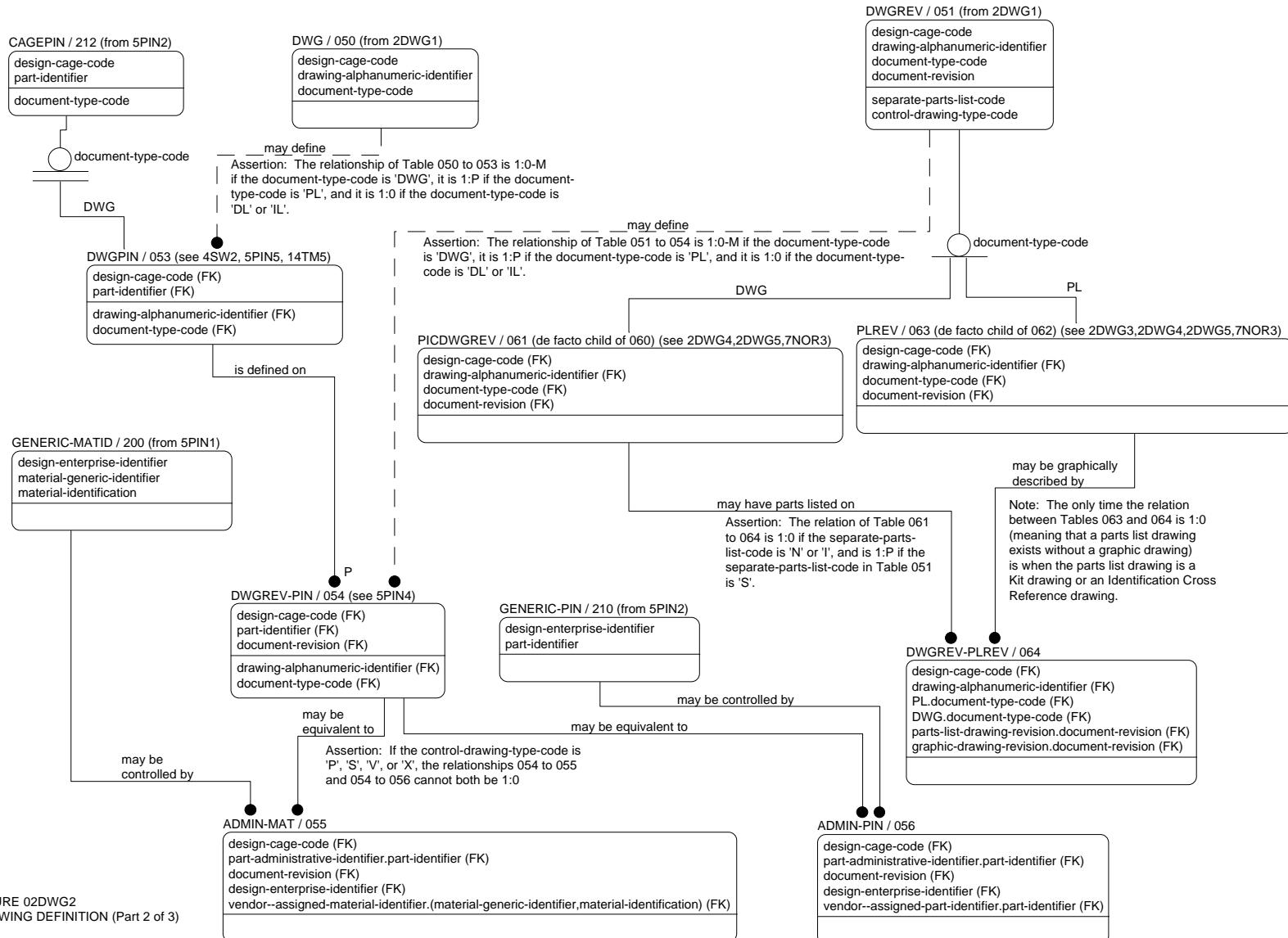


FIGURE 02DWG2
DRAWING DEFINITION (Part 2 of 3)

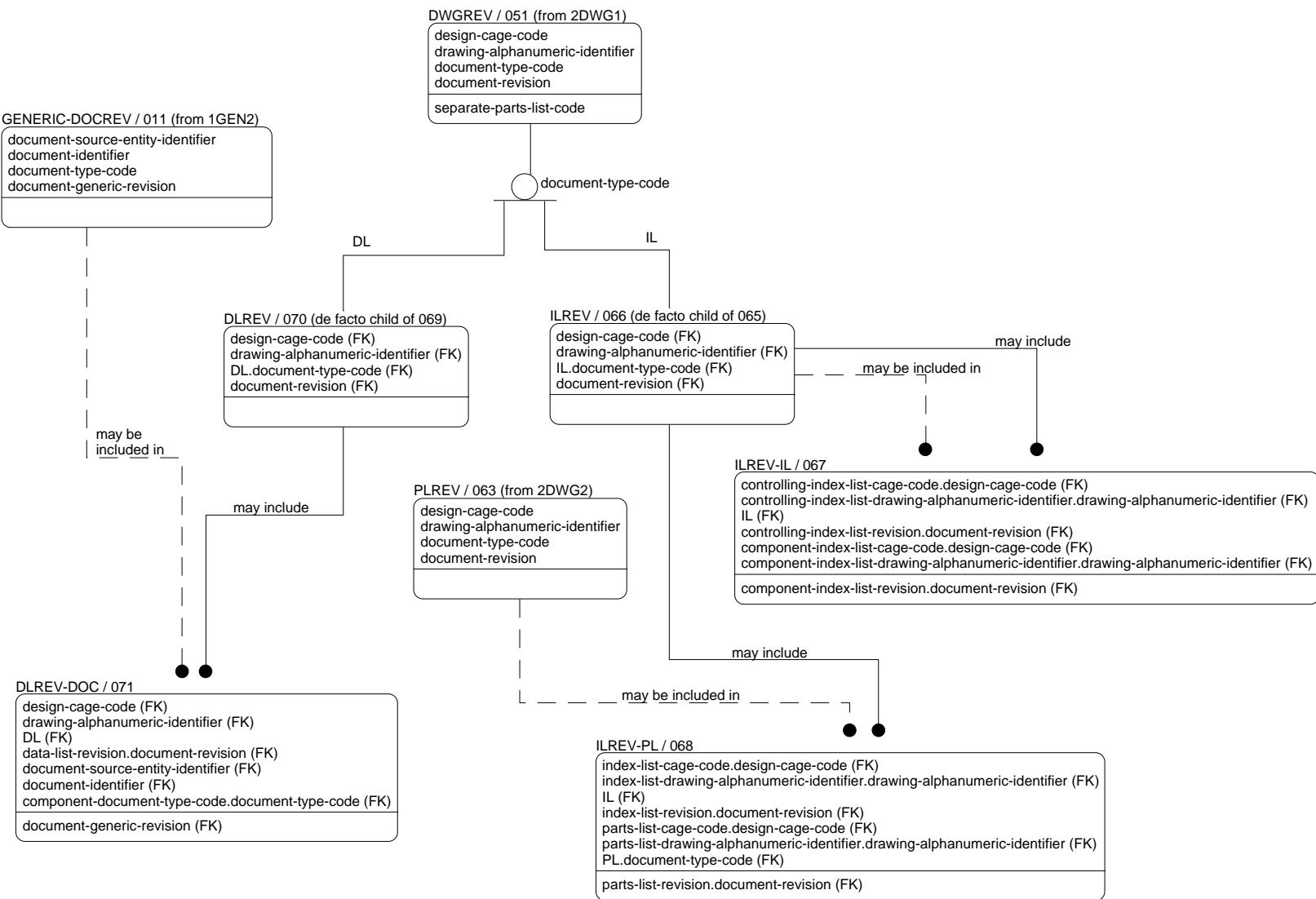


FIGURE 02DWG3
DRAWING DEFINITION (Part 3 of 3)

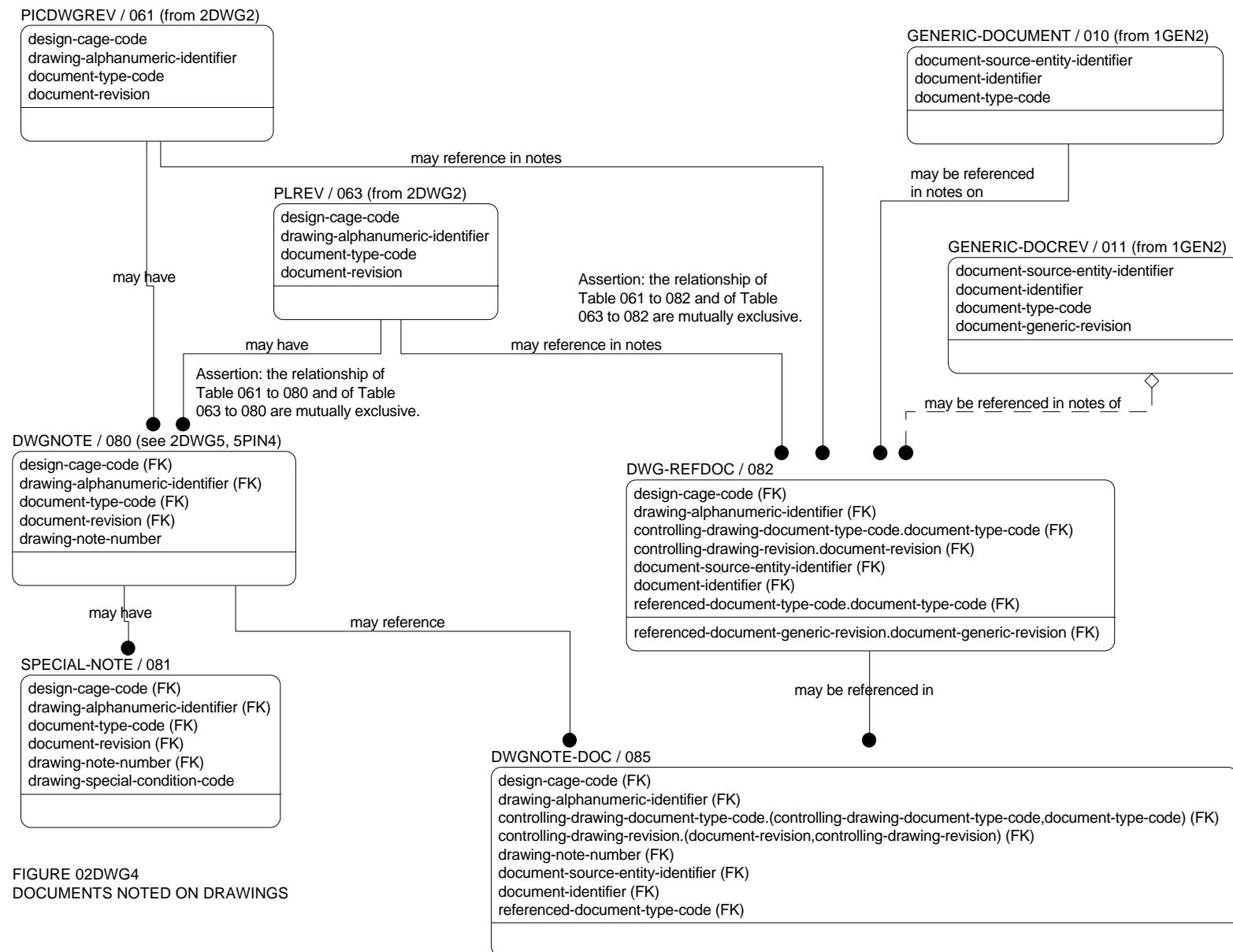


FIGURE 02DWG4
DOCUMENTS NOTED ON DRAWINGS

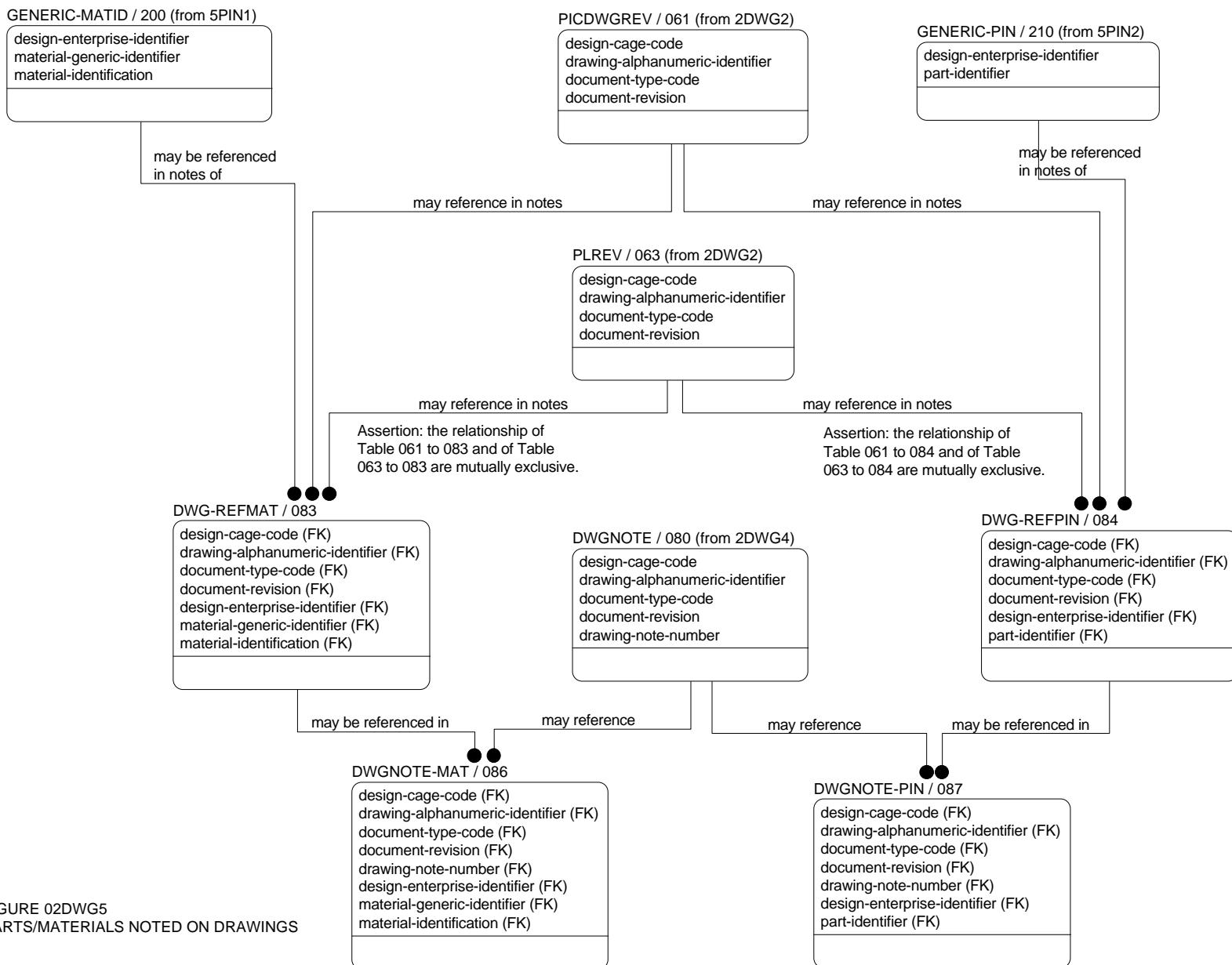


FIGURE 02DWG5
PARTS/MATERIALS NOTED ON DRAWINGS

MIL-STD-2549
APPENDIX B

- c. Attribute document-generic-revision-identifier (DOCREV011) inherited from Table 023 assumes the role document-alphanumeric-revision-identifier (DOCREV051).
- d. Because this table is a de facto child of Table 050, document-alphanumeric-identifier (DOCNUM020) inherited from Table 023 is really a engineering-drawing-document-alphanumeric-identifier (DWGNUM050) existing in Table 050. Therefore, DOCNUM020 assumes the identity DWGNUM050.

Code	Data Element Title	DED	Key
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DOCREV051	document-alphanumeric-revision-identifier	0009	FK
DOCTYP010	document-type-code	0004	FK
DWGNUM050	engineering-drawing-document-alphanumeric-identifier	0003	FK
CONTYP051	administrative-control-drawing-document-type-code	0032	M
DWGSHT051	document-sheet-total-quantity	0110	
DWGSIZ051	document-sheet-size-code	0112	
FRSTRT051	materiel-item-first-article-test-code	0077	
SEPCOD051	separate-parts-list-document-code	0025	

B.5.2.3. Table 052, Drawing Sheet Revision Correlation (DWGSHT). This table contains the 'status of sheets' for an engineering drawing or associated list.

- a. Attribute document-alphanumeric-revision-identifier (DOCREV051) inherited from Table 051 assumes the role engineering-drawing-document-current-alphanumeric-revision-identifier (CURREV052).
- b. Attribute document-alphanumeric-revision-identifier (DOCREV051) inherited from Table 051 assumes the role engineering-drawing-document-sheet-alphanumeric-revision-identifier (SHTREV052).

Code	Data Element Title	DED	Key
SHTNUM052	document-sheet-identifier	0026	K
CURREV052	engineering-drawing-document-current-alphanumeric-revision-identifier	0009	FK
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DOCTYP010	document-type-code	0004	FK
DWGNUM050	engineering-drawing-document-alphanumeric-identifier	0003	FK
SHTREV052	engineering-drawing-document-sheet-alphanumeric-revision-identifier	0009	FK
SHTDAT052	document-revised-sheet-change-incorporation-date	0082	

B.5.2.4. Table 053, Part numbers of parts defined by an engineering drawing and CAGE code (DWGPIN). This table is a subset of Table CAGEPIN/212 consisting of those part numbers which are identified by an engineering drawing which is identified by a CAGE (or NSCM) code and number. (Note: The value of document-alphanumeric-identifier [DOCNUM020] is frequently embedded in the first 'n' characters of part identifier.)

MIL-STD-2549
APPENDIX B

- a. The value of document-type-code (DOCTYP010) must be 'DWG' or 'PL'.
- b. The value of DOCTYP010 must be the same as the value of document-type-code (DOCTYP212) for the super-type in Table 212.
- c. Fields DESCAG050 inherited from Table 050 and DESCAG212 inherited from Table 212 must be the same; therefore, they assume the identity design-enterprise-defense-logistics--assigned-identification-code (DESCAG053).

Code	Data Element Title	DED	Key
DESCAG053	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
PARNUM210	part-product-identifier	0024	FK
DOCTYP010	document-type-code	0004	FK
DWGNUM050	engineering-drawing-document-alphanumeric-identifier	0003	FK

B.5.2.5. Table 054, Correlation of part numbers to drawing revisions on which they are defined (DWGREV-PIN). This table correlates part numbers which are defined by engineering drawings with the specific revision(s) of the engineering drawing on which the parts are defined.

- a. For each instance in this table, the combination of the values of the engineering-drawing-document-alphanumeric-identifier (DWGNUM050) and document-type-code (DOCTYP010) must be the same as the combination of the values of the same fields in the parent instance in Table 053.
- b. Fields DESCAG050 inherited from Table 051 and DESCAG053 inherited from Table 053 must be the same; therefore, they assume the identity design-enterprise-defense-logistics--assigned-identification-code (DESCAG054).

Code	Data Element Title	DED	Key
DESCAG054	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DOCREV051	document-alphanumeric-revision-identifier	0009	FK
PARNUM210	part-product-identifier	0024	FK
DOCTYP010	document-type-code	0004	FK
DWGNUM050	engineering-drawing-document-alphanumeric-identifier	0003	FK
PARSTA054	part-product-status-code	0035	M

B.5.2.6. Table 055, Correlation of control-drawing part numbers to vendor materials (ADMIN-MAT). This table correlates the part numbers defined on a source control drawing, vendor item drawing, procurement control drawing, or an identification cross-reference drawing with the equivalent vendor material identifiers.

- a. Attribute part-product-identifier (PARNUM210) inherited from Table 054 assumes the role part-product-administrative-control-identifier (CONPIN055).

MIL-STD-2549
APPENDIX B

- b. The attributes material-product-generic-identifier (MATGID200) and material-product-identifier (MATIDN200) inherited from Table 200 are concatenated and assume the role material-product-vendor--assigned-identifier (VMATID055). (See Appendix C for concatenation order.)

Code	Data Element Title	DED	Key
CONPIN055	part-product-administrative-control-identifier	0024	FK
DESCAG054	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DESENT200	design-enterprise-identifier	0052	FK
DOCREV051	document-alphanumeric-revision-identifier	0009	FK
VMATID055	material-product-vendor--assigned-identifier	0048	FK

B.5.2.7. Table 056, Correlation of source controlled part numbers to vendor part numbers (ADMIN-PIN). This table correlates the part numbers defined on a source control drawing, vendor item drawing, procurement control drawing, or an identification cross-reference drawing with the equivalent vendor part number(s).

- a. The combination of the values of design-enterprise-identifier (DESENT210) and part-product-vendor- assigned-identifier (VPARNO056) cannot be the same as the combination of the values of design- enterprise-defense-logistics--assigned identification-code (DESCAG054) and part-product-administrative- control-identifier (CONPIN056) for the same instance.
- b. Attribute part-product-identifier (PARNUM210) inherited from Table 054 assumes the role part-product- administrative-control-identifier (CONPIN056).
- c. Attribute part-product-identifier (PARNUM210) inherited from Table 210 assumes the role part-product- vendor--assigned-identifier (VPARNO056).

Code	Data Element Title	DED	Key
CONPIN056	part-product-administrative-control-identifier	0024	FK
DESCAG054	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DESENT210	design-enterprise-identifier	0052	FK
DOCREV051	document-alphanumeric-revision-identifier	0009	FK
VPARNO056	part-product-vendor--assigned-identifier	0024	FK

B.5.2.8. Tables 57 through 59. Reserved.

B.5.2.9. Table 060, Graphical drawings, with or without an integral parts list (PICDWG). This table is a subtype of Table DWG/050 which contains graphical engineering drawings only. Associated lists are specifically excluded.

- a. The value of document-type-code (DOCTYP010) must be 'DWG'.
- b. If the value of configuration-item-product-nomenclature-text (CINOMN690) is non-blank, then the value of configuration-item-product-indicator-code (CIFLAG057) must be 'Y'.

MIL-STD-2549
APPENDIX B

Code	Data Element Title	DED	Key
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DOCTYP010	document-type-code	0004	FK
DWGNUM050	engineering-drawing-document-alphanumeric-identifier	0003	FK
CINOMN690	configuration-item-product-nomenclature-text	0047	FK, O
CIFLAG060	configuration-item-product-indicator-code	0023	M

B.5.2.10. Table 061, Graphical drawing revision, with or without integral parts list (PICDWGREV). This table is a subtype of Table DWGREV/051 for the case of document-type-code (DOCTYP010) in Table 051 with a value of 'DWG'. It is a subset of all drawings and associated lists which have revisions. It contains the revision history of engineering drawings. This table is a de facto child of Table 060.

Code	Data Element Title	DED	Key
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DOCREV051	document-alphanumeric-revision-identifier	0009	FK
DOCTYP010	document-type-code	0004	FK
DWGNUM050	engineering-drawing-document-alphanumeric-identifier	0003	FK

B.5.2.11. Table 062, Parts list drawing (PL). This table is a subtype of Table DWG/050 which contains the subset of all drawings and associated lists which are separate Parts List drawings only.

- a. Attribute document-type-code (DOCTYP010) inherited from Table 060 assumes the role engineering-drawing-document-type-code (DWGTYP062).
- b. Attribute document-type-code (DOCTYP010) inherited from Table 050 assumes the role parts-list-drawing-document-type-code (PLTYPE062).

Code	Data Element Title	DED	Key
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DWGNUM050	engineering-drawing-document-alphanumeric-identifier	0003	FK
PLTYPE062	parts-list-drawing-document-type-code	0004	FK
DWGTYP062	engineering-drawing-document-type-code	0004	FK

B.5.2.12. Table 063, Parts list drawing revisions (PLREV). This table is a subtype of Table DWGREV/051 for the case of document-type-code (DOCTYP010) in Table 051 with a value of 'PL'. It contains the revision history of separate parts list drawings. This table is a de facto child of Table 062.

- a. Because this table is a de facto child of Table 062, document-type-code (DOCTYP010) inherited from Table 051 is really a parts-list-drawing-document-type-code (PLTYPE062) existing in Table 062.

MIL-STD-2549
APPENDIX B

Code	Data Element Title	DED	Key
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DOCREV051	document-alphanumeric-revision-identifier	0009	FK
DOCTYP010	document-type-code	0004	FK
DWGNUM050	engineering-drawing-document-alphanumeric-identifier	0003	FK

B.5.2.13. Table 064, Correlation of graphical drawing revisions to separate parts list drawing revisions (DWGREV-PLREV). This table correlates revisions to engineering drawings without an integral parts list to their associated parts list drawing revision(s).

- a. Attribute document-type-code (DOCTYP010) inherited from Table 061 assumes the role engineering-drawing-document-type-code (DWGTYP064).
- b. Attribute document-alphanumeric-revision-identifier (DOCREV051) inherited from Table 061 assumes the role graphic-engineering-drawing-document-alphanumeric-revision-identifier (GDWGRV064).
- c. Attribute document-alphanumeric-revision-identifier (DOCREV051) inherited from Table 063 assumes the role parts-list-drawing-document-alphanumeric-revision-identifier (PLREVN064).
- d. Attribute document-type-code (DOCTYP010) inherited from Table 063 assumes the role parts-list-drawing-document-type-code (PLTYPE064).

Code	Data Element Title	DED	Key
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DWGNUM050	engineering-drawing-document-alphanumeric-identifier	0003	FK
DWGTYP064	engineering-drawing-document-type-code	0004	FK
GDWGRV064	graphic-engineering-drawing-document-alphanumeric-revision-identifier	0009	FK
PLREVN064	parts-list-drawing-document-alphanumeric-revision-identifier	0009	FK
PLTYPE064	parts-list-drawing-document-type-code	0004	FK

B.5.2.14. Table 065, Index list drawings (IL). This table is a subtype of DWG/050 which contains the subset of all drawings and associated lists which are Index List drawings.

- a. Attribute document-type-code (DOCTYP010) inherited from Table 060 assumes the role engineering-drawing-document-type-code (DWGTYP065).
- b. Attribute document-type-code (DOCTYP010) inherited from Table 050 assumes the role index-list-drawing-document-type-code (ILTYPE065).

MIL-STD-2549
APPENDIX B

Code	Data Element Title	DED	Key
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DWGNUM050	engineering-drawing-document-alphanumeric-identifier	0003	FK
ILTYPE065	index-list-drawing-document-type-code	0004	FK
DWGTYP065	engineering-drawing-document-type-code	0004	FK

B.5.2.15. Table 066, Index list drawing revision (ILREV). This table is a subtype of Table DWGREV/051 for the case of document-type-code (DOCTYP010) with a value of 'IL'. It contains the revision history of index list drawings.

- a. This table is a de facto child of Table 065.
- b. Because this table is a de facto child of Table 065, document-type-code (DOCTYP010) inherited from Table 051 is really a index-list-drawing-document-type-code (ILTYPE065) existing in Table 065. Therefore, DOCTYP010 assumes the identity ILTYPE065.

Code	Data Element Title	DED	Key
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DOCREV051	document-alphanumeric-revision-identifier	0009	FK
DWGNUM050	engineering-drawing-document-alphanumeric-identifier	0003	FK
ILTYPE065	index-list-drawing-document-type-code	0004	FK

B.5.2.16. Table 067, Correlation of index list drawing revisions to their component index list drawings (ILREV-IL). This table correlates index list drawings to the specific index list revision on which they appear as a component. The value of the combination of component-index-list-drawing-document-source-enterprise-defense-logistics--assigned-identification-code (CILCAG067) and component-index-list-drawing-document-alphanumeric-identifier (CILNUM067) cannot be the same as the value of the combination of controlling-index-list-drawing-document-source-enterprise-defense-logistics--assigned-identification-code (ILCAGE067) and controlling-index-list-drawing-document-alphanumeric-identifier (ILNUMB067) for the same instance.

- a. Attribute design-enterprise-defense-logistics--assigned-identification-code (DESCAG050) inherited from Table 066 assumes the role component-index-list-drawing-document-source-enterprise-defense-logistics--assigned-identification-code (CILCAG067).
- b. Attribute engineering-drawing-document-alphanumeric-identifier (DWGNUM050) inherited from Table 066 assumes the role component-index-list-drawing-document-alphanumeric-identifier (CILNUM067).
- c. Attribute document-alphanumeric-revision-identifier (DOCREV051) inherited from Table 066 assumes the role component-index-list-drawing-document-alphanumeric-revision-identifier (CILREV067).
- d. Attribute design-enterprise-defense-logistics--assigned-identification-code (DESCAG050) inherited from Table 066 assumes the role controlling-index-list-drawing-document-source-enterprise-defense-logistics--assigned-identification-code (ILCAGE067).

MIL-STD-2549
APPENDIX B

- e. Attribute engineering-drawing-document-alphanumeric-identifier (DWGNUM050) inherited from Table 066 assumes the role controlling-index-list-drawing-document-alphanumeric-identifier (ILNUMB067).
- f. Attribute document-alphanumeric-revision-identifier (DOCREV051) inherited from Table 066 assumes the role controlling-index-list-drawing-document-alphanumeric-revision-identifier (ILREVN067).

Code	Data Element Title	DED	Key
CILCAG067	component-index-list-drawing-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
CILNUM067	component-index-list-drawing-document-alphanumeric-identifier	0003	FK
ILCAGE067	controlling-index-list-drawing-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
ILNUMB067	controlling-index-list-drawing-document-alphanumeric-identifier	0003	FK
ILREVN067	controlling-index-list-drawing-document-alphanumeric-revision-identifier	0009	FK
ILTYPE065	index-list-drawing-document-type-code	0004	FK
CILREV067	component-index-list-drawing-document-alphanumeric-revision-identifier	0009	FK

B.5.2.17. Table 068, Correlation of index list drawing revisions to their component parts list drawings (ILREV-PL). This table correlates separate parts list drawings to the specific index list revision on which they appear as a component.

- a. Attribute design-enterprise-defense-logistics--assigned-identification-code (DESCAG050) inherited from Table 066 assumes the role index-list-drawing-document-design-enterprise-defense-logistics--assigned-identification-code (ILCAGE068).
- b. Attribute engineering-drawing-document-alphanumeric-identifier (DWGNUM050) inherited from Table 066 assumes the role index-list-drawing-document-alphanumeric-identifier (ILNUMB068).
- c. Attribute document-alphanumeric-revision-identifier (DOCREV051) inherited from Table 066 assumes the role index-list-drawing-document-alphanumeric-revision-identifier (ILREVN068).
- d. Attribute design-enterprise-defense-logistics--assigned-identification-code (DESCAG050) inherited from Table 063 assumes the role parts-list-drawing-document-source-enterprise-defense-logistics--assigned-identification-code (PLCAGE068).
- e. Attribute engineering-drawing-document-alphanumeric-identifier (DWGNUM050) inherited from Table 063 assumes the role parts-list-drawing-document-alphanumeric-identifier (PLNUMB068).
- f. Attribute document-alphanumeric-revision-identifier (DOCREV051) inherited from Table 063 assumes the role parts-list-drawing-document-alphanumeric-revision-identifier (PLREVN068).
- g. Attribute document-type-code (DOCTYP010) inherited from Table 063 assumes the role parts-list-drawing-document-type-code (PLTYPE068).

MIL-STD-2549
APPENDIX B

Code	Data Element Title	DED	Key
ILCAGE068	index-list-drawing-document-design-enterprise-defense-logistics--assigned-identification-code	0001	FK
ILNUMB068	index-list-drawing-document-alphanumeric-identifier	0003	FK
ILREVN068	index-list-drawing-document-alphanumeric-revision-identifier	0009	FK
ILTYPE065	index-list-drawing-document-type-code	0004	FK
PLCAGE068	parts-list-drawing-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
PLNUMB068	parts-list-drawing-document-alphanumeric-identifier	0003	FK
PLTYPE068	parts-list-drawing-document-type-code	0004	FK
PLREVN068	parts-list-drawing-document-alphanumeric-revision-identifier	0009	FK

B.5.2.18. Table 069, Data list drawings (DL). This table is a subtype of DWG/050 which contains the subset of all drawings and associated lists which are Data List drawings.

- a. Attribute document-type-code (DOCTYP010) inherited from Table 050 assumes the role data-list-drawing-document-type-code (DLTYPE069).
- b. Attribute document-type-code (DOCTYP010) inherited from Table 060 assumes the role engineering-drawing-document-type-code (DWGTYP069).

Code	Data Element Title	DED	Key
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DLTYPE069	data-list-drawing-document-type-code	0004	FK
DWGNUM050	engineering-drawing-document-alphanumeric-identifier	0003	FK
DWGTYP069	engineering-drawing-document-type-code	0004	FK

B.5.2.19. Table 070, Data list drawing revisions (DLREV). This table is a subtype of Table DWGREV/051 for the case of document-type-code (DOCTYP010) with a value of 'DL'. It contains the revision history of data list drawings.

- a. This table is a de facto child of Table 069.
- b. Because this table is a de facto child of Table 069, document-type-code (DOCTYP010) inherited from Table 051 is really a data-list-drawing-document-type-code (DLTYPE069) existing in Table 069. Therefore, DOCTYP010 assumes the identity DLTYPE069.

Code	Data Element Title	DED	Key
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DLTYPE069	data-list-drawing-document-type-code	0004	FK
DOCREV051	document-alphanumeric-revision-identifier	0009	FK

MIL-STD-2549
APPENDIX B

DWGNUM050	engineering-drawing-document-alphanumeric-identifier	0003	FK
-----------	--	------	----

B.5.2.20. Table 071, Correlation of data list drawing revisions to their component documents (DLREV-DOC). This table correlates documents (other than those engineering drawings identified by CAGE code an drawing identifier) to the specific data list revision on which they appear as a component.

- a. The value of component-document-type-code (CDOCTY071) may be any value; however, if it is 'DL', then the combination of the design-enterprise-defense-logistics--assigned-identification-code (DESCAG050) and engineering-drawing-document-alphanumeric-identifier (DWGNUM050) cannot be the same as the combination of the document-source-entity-identifier (SRCIDN010) and document-identifier (DOCIDN010).
- b. Attribute document-generic-revision-identifier (DOCREV011) inherited from Table 011 assumes the role component-document-generic-revision-identifier (CDOCRV071).
- c. Attribute document-type-code (DOCTYP010) inherited from Table 011 assumes the role component-document-type-code (CDOCTY071).
- d. Attribute document-alphanumeric-revision-identifier (DOCREV051) inherited from Table 070 assumes the role data-list-drawing-document-alphanumeric-revision-identifier (DLREVN071).

Code	Data Element Title	DED	Key
CDOCTY071	component-document-type-code	0004	FK
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DLREVN071	data-list-drawing-document-alphanumeric-revision-identifier	0009	FK
DLTYPE069	data-list-drawing-document-type-code	0004	FK
DOCIDN010	document-identifier	0122	FK
DWGNUM050	engineering-drawing-document-alphanumeric-identifier	0003	FK
SRCIDN010	document-source-entity-identifier	0033	FK
CDOCRV071	component-document-generic-revision-identifier	0243	FK

B.5.2.21. Tables 72 through 79. Reserved.

B.5.2.22. Table 080, Drawing note identification (DWGNOTE). This table identifies the notes on an engineering drawing. Its primary purpose is to capture documents which are called out in the notes and, therefore, must be included in Data Lists. It also meets an engineering need to be able to encapsulate and transfer drawing text in a simple fashion. If desired, it can contain the actual text of the note.

Code	Data Element Title	DED	Key
NOTNUM080	engineering-drawing-document-note-identifier	0251	K
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DOCREV051	document-alphanumeric-revision-identifier	0009	FK

MIL-STD-2549
APPENDIX B

DOCTYP010	document-type-code	0004	FK
DWGNUM050	engineering-drawing-document-alphanumeric-identifier	0003	FK
NOTTXT080	engineering-drawing-document-note-text	0252	

B.5.2.23. Table 081, Special Conditions, Materials and Processes in the notes (SPECIAL-NOTE). This table identifies the special conditions, materials and processes which are associated with a particular note on a particular engineering drawing.

Code	Data Element Title	DED	Key
SPNOTE081	engineering-drawing-document-special-condition-code	0257	K
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DOCREV051	document-alphanumeric-revision-identifier	0009	FK
DOCTYP010	document-type-code	0004	FK
DWGNUM050	engineering-drawing-document-alphanumeric-identifier	0003	FK
NOTNUM080	engineering-drawing-document-note-identifier	0251	FK

B.5.2.24. Table 082, Documents referenced on a drawing other than in the parts list (DWG-REFDOC). This table identifies documents which are referenced for information in the notes or elsewhere on the face of a drawing, other than in the parts list. This information is necessary for the preparation of Data List Drawings and Technical Data Packages.

- a. The fields DESCAG050, DWGNUM050, CDWGTY082, and CDWGRV082 are inherited from either Table 061 or Table 063 and identify the drawing or parts list drawing which contains the reference. The fields SRCIDN010, DOCIDN010, RDOCTY082, and the optional field RDOCRV082 identify the referenced document. The value of the combination of design-enterprise-defense-logistics--assigned-identification-code (DESCAG050), engineering-drawing-document-alphanumeric-identifier (DWGNUM050), and controlling-engineering-drawing-document-type-code (CDWGTY082) cannot be the same as the value of the combination of document-source-entity-identifier (SRCIDN010), document-identifier (DOCIDN010), and referenced-document-type-code (RDOCTY082) for the same instance.
- b. Attribute document-alphanumeric-revision-identifier (DOCREV051) is inherited either from Table 061 or Table 063. In either case, it assumes the role controlling-engineering-drawing-document-alphanumeric-revision-identifier (CDWGRV082).
- c. Attribute document-type-code (DOCTYP010) is inherited either from Table 061 or Table 063. In either case, it assumes the role controlling-engineering-drawing-document-type-code (CDWGTY082).
- d. Attribute document-generic-revision-identifier (DOCREV011) inherited from Table 011 assumes the role referenced-document-generic-revision-identifier (RDOCRV082).
- e. Attribute document-type-code (DOCTYP010) inherited from Table 010 and document-type-code (DOCTYP010) inherited from Table 011 must have the same value and merge to assume the role referenced-document-type-code (RDOCTY082).

MIL-STD-2549
APPENDIX B

Code	Data Element Title	DED	Key
CDWGRV082	controlling-engineering-drawing-document-alphanumeric-revision-identifier	0009	FK
CDWGTY082	controlling-engineering-drawing-document-type-code	0004	FK
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DOCIDN010	document-identifier	0122	FK
DWGNUM050	engineering-drawing-document-alphanumeric-identifier	0003	FK
RDOCTY082	referenced-document-type-code	0004	FK
SRCIDN010	document-source-entity-identifier	0033	FK
RDOCRV082	referenced-document-generic-revision-identifier	0243	FK, O

B.5.2.25. Table 083, Materials referenced on a drawing other than in the parts list (DWG-REFMAT). The table identifies materials (not identified by part numbers) which are referenced in the notes of the drawing or elsewhere on the face of the drawing, excluding the parts list. This information is necessary for preparation of Data List Drawings.

- a. The fields DESCAG050, DWGNUM050, DOCTYP010, and DOCREV011 are inherited from either Table 061 or Table 063 and identify the drawing or parts list drawing which contains the reference. The fields DESENT200, MATGID200, and MATIDN200 identify the material.

Code	Data Element Title	DED	Key
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DESENT200	design-enterprise-identifier	0052	FK
DOCREV051	document-alphanumeric-revision-identifier	0009	FK
DOCTYP010	document-type-code	0004	FK
DWGNUM050	engineering-drawing-document-alphanumeric-identifier	0003	FK
MATGID200	material-product-generic-identifier	0092	FK
MATIDN200	material-product-identifier	0038	FK

B.5.2.26. Table 084, Part numbers referenced on drawing other than in the parts list (DWG-REFPIN). The table identifies part numbers which are referenced in the notes of the drawing or elsewhere on the face of the drawing, excluding the parts list. This information is necessary for preparation of Data List Drawings.

- a. The fields DESCAG050, DWGNUM050, DOCTYP010, and DOCREV011 are inherited from either Table 061 or Table 063 and identify the drawing or parts list drawing which contains the reference. The fields DESENT210 and PARNUM210 identify the part.

Code	Data Element Title	DED	Key
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DESENT210	design-enterprise-identifier	0052	FK

MIL-STD-2549
APPENDIX B

DOCREV051	document-alphanumeric-revision-identifier	0009	FK
DOCTYP010	document-type-code	0004	FK
DWGNUM050	engineering-drawing-document-alphanumeric-identifier	0003	FK
PARNUM210	part-product-identifier	0024	FK

B.5.2.27. Table 085, Miscellaneous documents identified in notes of an engineering drawing (DWGNOTE-DOC). This table identifies documents which are referenced for information in the notes of a drawing and correlates them to the note number(s). This information is necessary for support of certain ISO STEP Application Protocol(s).

- a. Attribute document-alphanumeric-revision-identifier (DOCREV051) inherited from Table 080 assumes the role controlling-engineering-drawing-document-alphanumeric-revision-identifier (CDWGRV082).
- b. Attribute document-type-code (DOCTYP010) inherited from Table 080 assumes the role controlling-engineering-drawing-document-type-code (CDWGTY082).

Code	Data Element Title	DED	Key
CDWGRV082	controlling-engineering-drawing-document-alphanumeric-revision-identifier	0009	FK
CDWGTY082	controlling-engineering-drawing-document-type-code	0004	FK
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DOCIDN010	document-identifier	0122	FK
DWGNUM050	engineering-drawing-document-alphanumeric-identifier	0003	FK
NOTNUM080	engineering-drawing-document-note-identifier	0251	FK
RDOCTY082	referenced-document-type-code	0004	FK
SRCIDN010	document-source-entity-identifier	0033	FK

B.5.2.28. Table 086, Material referenced in notes of an engineering drawing (DWGNOTE-MAT). This table identifies materials and parts (not identified by part numbers) which are referenced for information in the notes of a drawing and correlates it to the note number. This information is necessary for support of certain ISO STEP application protocols.

Code	Data Element Title	DED	Key
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DESENT200	design-enterprise-identifier	0052	FK
DOCREV051	document-alphanumeric-revision-identifier	0009	FK
DOCTYP010	document-type-code	0004	FK
DWGNUM050	engineering-drawing-document-alphanumeric-identifier	0003	FK
MATGID200	material-product-generic-identifier	0092	FK
MATIDN200	material-product-identifier	0038	FK
NOTNUM080	engineering-drawing-document-note-identifier	0251	FK

MIL-STD-2549
APPENDIX B

B.5.2.29. Table 087, Part numbers referenced in drawing notes (DWGNOTE-PIN). This table identifies part numbers which are referenced for information in the notes of a drawing and correlates it to the drawing note number. This information is necessary to support certain ISO STEP application protocols.

Code	Data Element Title	DED	Key
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DESENT210	design-enterprise-identifier	0052	FK
DOCREV051	document-alphanumeric-revision-identifier	0009	FK
DOCTYP010	document-type-code	0004	FK
DWGNUM050	engineering-drawing-document-alphanumeric-identifier	0003	FK
NOTNUM080	engineering-drawing-document-note-identifier	0251	FK
PARNUM210	part-product-identifier	0024	FK

B.5.2.30. Tables 88 through 99. Reserved.

MIL-STD-2549
APPENDIX B

B.5.3. Program-unique specifications. Entity tables numbered in the range of 100 through 149 contain the identification of program-unique specifications which comply with either old² or current military standards³. This means that the contents of this section are limited to program-unique specifications identified by a CAGE (or NSCM) code and a document number.⁴ This series of tables includes all the specification attributes which are necessary to the configuration management of the documents or the products. This includes the relationship between specifications and the parts or materials which they define and the relationship between program-unique specifications and documents and parts referenced in the applicable documents section of a program-unique specification. The relationships between these various entity tables are depicted in Figures 03SPEC1 through 03SPEC3.

B.5.3.1. Table 100, Program-unique specification definition (PSPEC). This table contains the unique identifier of the program-unique specification. A program-unique specification is one sub-type of Table CAGE-NUMDOC/020 for the case where the value of document-type-code is 'P-SPEC'. (Note: Some small business companies still identify their specifications with a company name instead of a CAGE code; this practice is addressed in Table 910.)

- a. The value of functional-baseline-top--level-document-indicator-code (FBLFLG100) must be 'N' unless the value of program--unique-specification-document-subsidiary-type-code (SUBTYP100) is 'SYS'.
- b. The value of allocated-baseline-top--level-document-indicator-code (ABLFLG100) must be 'N' unless the value of program--unique-specification-document-subsidiary-type-code (SUBTYP100) is either 'B1', 'B2', 'B3', 'B4', 'IS', 'SRS', or 'SS'.
- c. The values for allocated-baseline-top--level-document-indicator-code (ABLFLG100) and functional-baseline-top--level-document-indicator-code (FBLFLB100) cannot both be 'Y' for any one instance. The decision of whether this specification is the top-level FBL or ABL document is from the viewpoint of the design-enterprise-defense-logistics--assigned-identification-code (DESCAG100).
- d. Attribute document-source-enterprise-defense-logistics--assigned-identification-code (SRCCAG022) inherited from Table 022 assumes the role design-enterprise-defense-logistics--assigned-identification-code (DESCAG100).

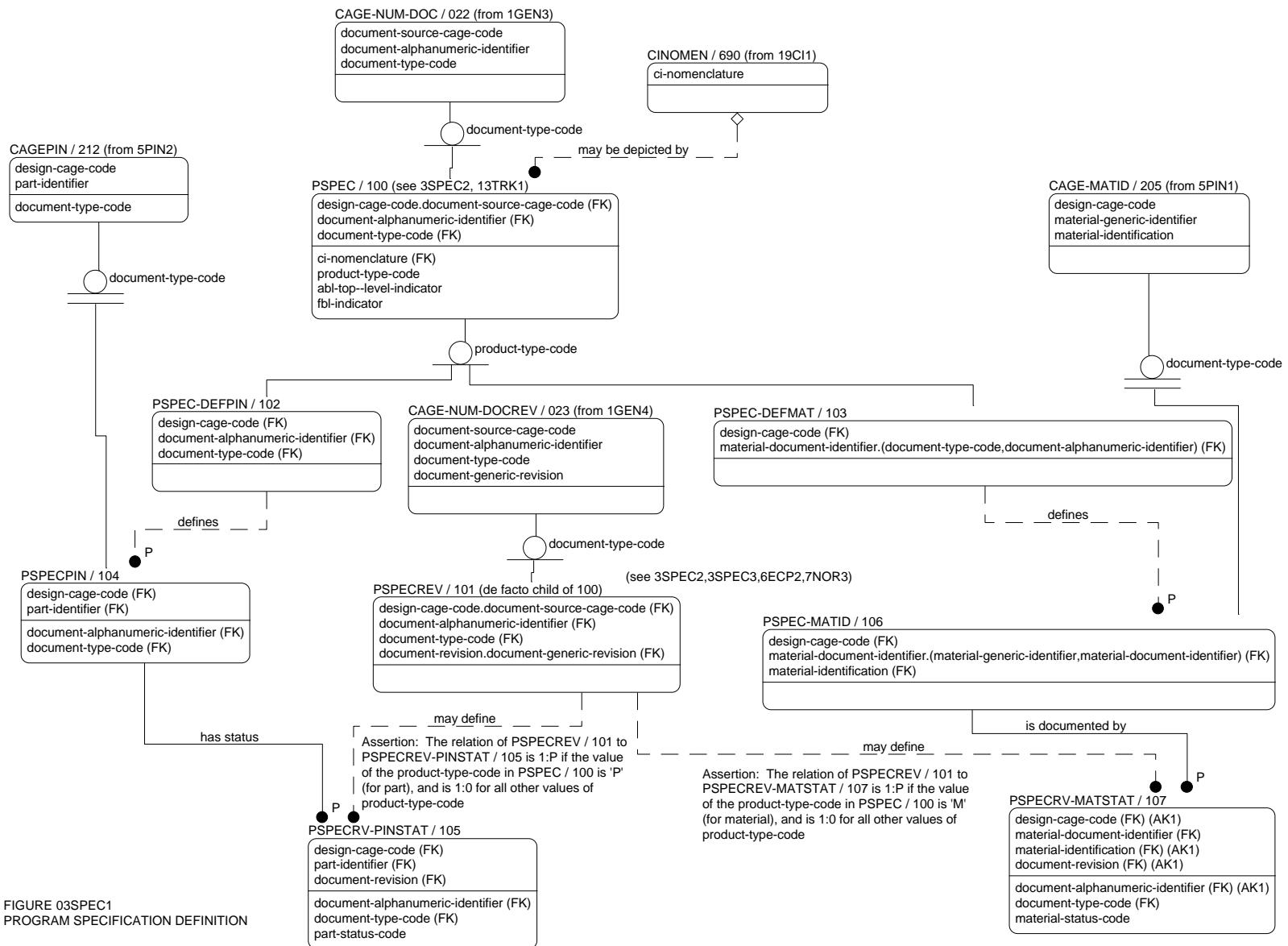
Code	Data Element Title	DED	Key
DESCAG100	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCTYP010	document-type-code	0004	FK
CINOMN690	configuration-item-product-nomenclature-text	0047	FK, O
ABLFLG100	allocated-baseline-top--level-document-indicator-code	0137	M
FBLFLG100	functional-baseline-top--level-document-indicator-code	0138	M
FSCCCOD100	product-federal-supply-classification-code	0073	
PRDTYP100	product-type-code	0034	M
SUBTYP100	program--unique-specification-document-subsidiary-type-code	0108	M

² Exception: Specification change notices are supported only in a very limited fashion by this model.

³ There are no industry standards for the preparation or content of program-unique specifications.

⁴ For program-unique specifications which are commercially prepared and identified by a company name instead of a CAGE code (or NSCM), see Tables 910 through 924. For standardization documents such as military, industry, international, foreign, etc., specifications, standards, handbooks, bulletins, etc., see Tables 400 through 450.

B-52



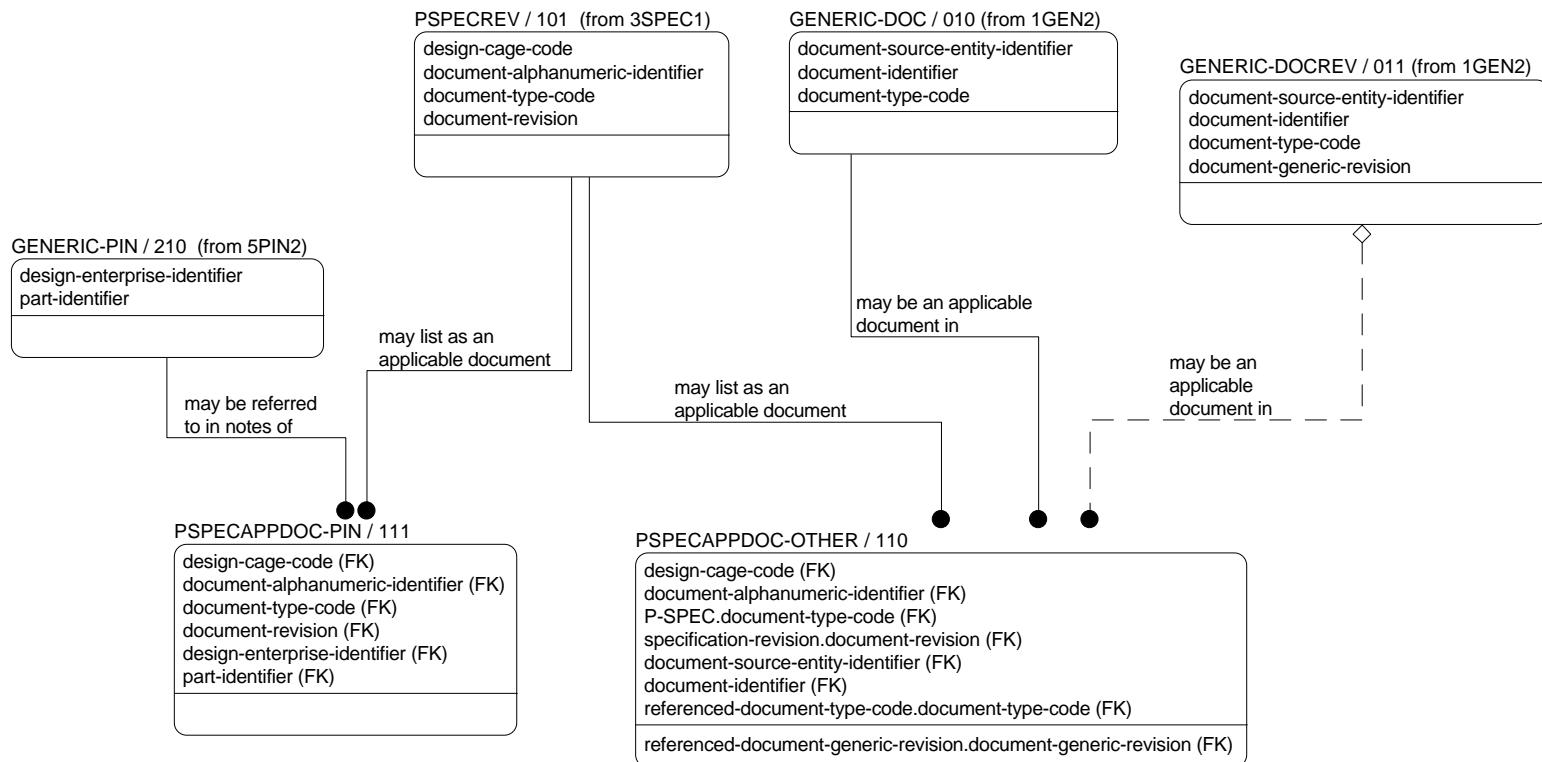


FIGURE 03SPEC2
APPLICABLE DOCUMENTS LISTED IN PROGRAM SPECIFICATIONS

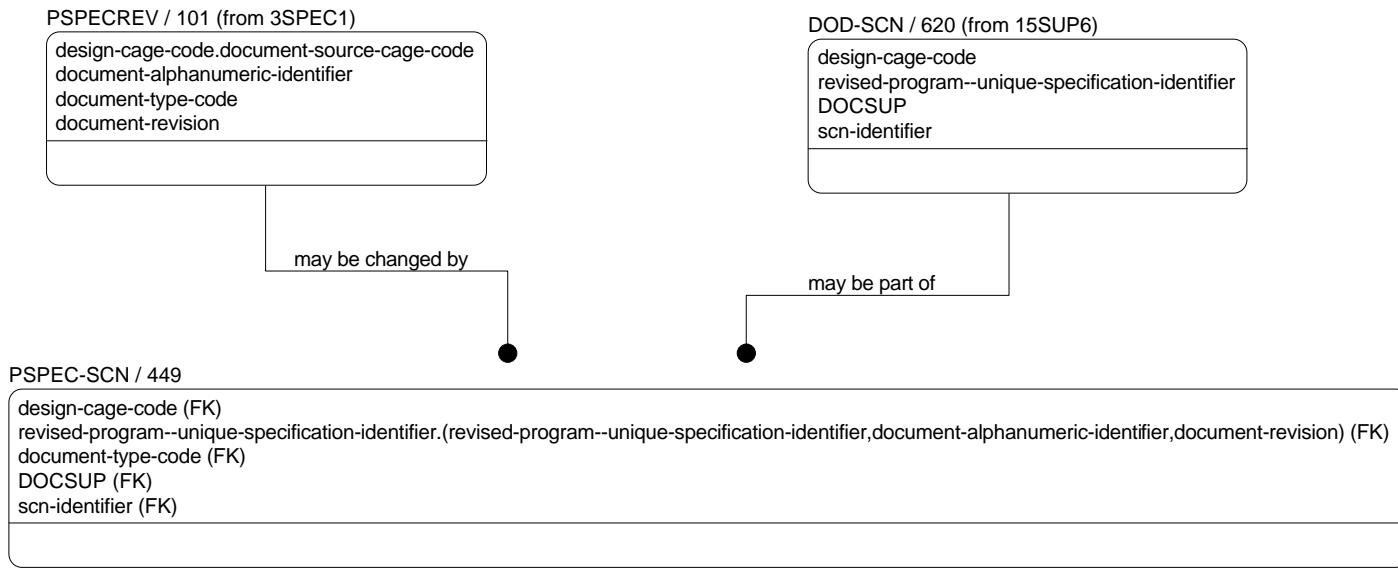


FIGURE 03SPEC3
PROGRAM SPECIFICATION CHANGE NOTICE

MIL-STD-2549
APPENDIX B

B.5.3.2. Table 101, Program-unique specification revisions (PSPECREV). This table is a subtype of Table CAGE-NUM-DOCREV/023 for the case of document-type-code (DOCTYP010) having a value of 'P-SPEC'. It contains the history of the various revisions to a program-unique specification. Due to parallel categorization, Table 023 is a de facto child of Table PSPEC/100.

- a. Because this table is a de facto child of Table 100, document-source-enterprise-defense-logistics--assigned-identification-code (SRCCAG022) inherited from Table 023 is really a design-enterprise-defense-logistics--assigned-identification-code (DESCAG100) existing in Table 100. Therefore, SRCCAG022 assumes the identity DESCAG100.
- b. Attribute document-generic-revision-identifier (DOCREV011) inherited from Table 023 assumes the role document-alphanumeric-revision-identifier (DOCREV101).

Code	Data Element Title	DED	Key
DESCAG100	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCREV101	document-alphanumeric-revision-identifier	0009	FK
DOCTYP010	document-type-code	0004	FK
FRSTRT101	materiel-item-first-article-test-code	0077	M
SPCCAT101	specification-document-category-code	0105	M

B.5.3.3. Table 102, Specification-defined parts (PSPEC-DEFPIN). This table is a subtype of Table PSPEC/100 containing the subset of program-unique specifications which define part numbered items.

Code	Data Element Title	DED	Key
DESCAG100	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCTYP010	document-type-code	0004	FK

B.5.3.4. Table 103, Specification-defined material (PSPEC-DEFMAT). This table is a subtype of Table PSPEC/100 which contains the subset of program-unique specifications which define materials which are not identified by part numbers.

- a. The attributes document-alphanumeric-identifier (DOCNUM020) and document-type-code (DOCTYP010) inherited from Table 100 are concatenated and assume the role material-document-identifier (MATDOC103). (See Appendix C for concatenation order.)

Code	Data Element Title	DED	Key
DESCAG100	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
MATDOC103	material-document-identifier	0192	FK

MIL-STD-2549
APPENDIX B

B.5.3.5. Table 104, Part numbers defined by program-unique specifications (PSPEC PIN). This table is a subtype of Table CAGEPIN/212 containing the subset of generic part numbers which is limited to those part numbers identified by a program-unique specification identified by a CAGE (or NSCM) code and number. (Note: frequently, the numbered-document-identifier [DOCNUM020] is embedded in the part-product-identifier [PARNUM210] as the left-most characters in the string.)

- a. The value of DOCTYP010 must be the same as the value of document-type-code (DOCTYP212) for the super-type in Table 212.
- b. Fields DESCAG100 inherited from Table 102 and DESCAG212 inherited from Table 212 must be the same; therefore, they assume the identity design-enterprise-defense-logistics--assigned-identification-code (DESCAG104).

Code	Data Element Title	DED	Key
DESCAG104	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
PARNUM210	part-product-identifier	0024	FK
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCTYP010	document-type-code	0004	FK

B.5.3.6. Table 105, Correlation of part numbers to program specification revisions in which they are defined (PSPEC RV-PINSTAT). This table correlates part numbers with the specific revision(s) of the specification in which they are/were defined.

- a. For each instance in this table, the combination of the document-alphanumeric-identifier (DOCNUM020) and document-type-code (DOCTYP010) must be the same as the combination of the same values in Table SPEC PIN/104 for the parent instance.
- b. Fields DESCAG100 inherited from Table 101 and DESCAG104 inherited from Table 104 must be the same; therefore, they assume the identity design-enterprise-defense-logistics--assigned-identification-code (DESCAG105).

Code	Data Element Title	DED	Key
DESCAG105	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DOCREV101	document-alphanumeric-revision-identifier	0009	FK
PARNUM210	part-product-identifier	0024	FK
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCTYP010	document-type-code	0004	FK
PARSTA105	part-product-status-code	0035	M

B.5.3.7. Table 106, Materials defined by program-unique specifications (PSPEC-MATID). This table is a subtype of Table CAGE-MATID/205 containing the subset of generic materials which is limited to those materials identified by a program-unique specification identified by a CAGE (or NSCM) code and number.

MIL-STD-2549
APPENDIX B

- a. Fields DESCAG100 inherited from Table 103 and DESCAG205 inherited from Table 205 must be the same; therefore, they assume the identity design-enterprise-defense-logistics--assigned-identification-code (DESCAG106).
- b. Attribute material-document-identifier (MATDOC103) inherited from Table 103 and material-product-generic-identifier (MATGID200) inherited from Table 205 must both have the same value. Therefore they merge and assume the identity material-document-identifier (MATDOC103).

Code	Data Element Title	DED	Key
DESCAG106	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
MATDOC103	material-document-identifier	0192	FK
MATIDN200	material-product-identifier	0038	FK

B.5.3.8. Table 107, Program-unique specification-defined material status (PSPECRV-MATSTAT). This table correlates parts and materials which are not identified by part numbers with the specific revision(s) of the specification in which they are/were defined.

- a. Fields DESCAG100 inherited from Table 101 and DESCAG106 inherited from Table 106 must be the same; therefore, they assume the identity design-enterprise-defense-logistics--assigned-identification-code (DESCAG107).

Code	Data Element Title	DED	Key
DESCAG107	design-enterprise-defense-logistics--assigned-identification-code	0001	FK, AK1
DOCREV101	document-alphanumeric-revision-identifier	0009	FK, AK1
MATDOC103	material-document-identifier	0192	FK
MATIDN200	material-product-identifier	0038	FK, AK1
DOCNUM020	document-alphanumeric-identifier	0003	FK, AK1
DOCTYP010	document-type-code	0004	FK, AK1
MATSTA107	material-product-status-code	0035	M

B.5.3.9. Tables 108 and 109. Reserved.

B.5.3.10. Table 110, Documents listed as applicable documents in a program-unique specification (PSPEC-APDOC). This table identifies documents which are included as lower-tier references in the applicable document section of a program-unique specification. This information is required for the creation of Data List drawings.

- a. If the value of the referenced-document-type-code (RDOCTY110) is 'P-SPEC', then the combination of values for design-enterprise-defense-logistics--assigned-identification-code (DESCAG0100) and document-alphanumeric-identifier (DOCNUM020) (which identify the specification) cannot be the same as the combination of values for document-source-entity-identifier (SRCIDN010) and document-identifier (DOCIDN010) (which identify the referenced document).

MIL-STD-2549
APPENDIX B

- b. Attribute document-generic-revision-identifier (DOCREV011) inherited from Table 011 assumes the role referenced-document-generic-revision-identifier (RDOCRV110).
- c. Attribute document-type-code (DOCTYP010) inherited from Table 010 and document-type-code (DOCTYP010) inherited from Table 011 must have the same value and merge to assume the role referenced-document-type-code (RDOCTY110).
- d. Attribute document-alphanumeric-revision-identifier (DOCREV101) inherited from Table 101 assumes the role program--unique-specification-document-alphanumeric-revision-identifier (SPECRV110).
- e. Attribute document-type-code (DOCTYP010) inherited from Table 101 assumes the role program--unique-specification-document-type-code (SPECTY110).

Code	Data Element Title	DED	Key
DESCAG100	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DOCIDN010	document-identifier	0122	FK
DOCNUM020	document-alphanumeric-identifier	0003	FK
RDOCTY110	referenced-document-type-code	0004	FK
SPECRV110	program--unique-specification-document-alphanumeric-revision-identifier	0009	FK
SPECTY110	program--unique-specification-document-type-code	0004	FK
SRCIDN010	document-source-entity-identifier	0033	FK
RDOCRV110	referenced-document-generic-revision-identifier	0243	FK, O

B.5.3.11. Table 111, Part numbers listed as applicable documents in a program-unique specification (PSPECAPPDOC-PIN). This table identifies part numbers which are included as lower-tier references in the applicable document section of a program-unique specification. This information is required for the creation of Data List drawings.

Code	Data Element Title	DED	Key
DESCAG100	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DESENT210	design-enterprise-identifier	0052	FK
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCREV101	document-alphanumeric-revision-identifier	0009	FK
DOCTYP010	document-type-code	0004	FK
PARNUM210	part-product-identifier	0024	FK

B.5.3.12. Tables 112 through 149. Reserved.

MIL-STD-2549
APPENDIX B

B.5.4. Software and software support documents. Entity tables numbered in the range of 150 through 199 contain the identification of software and software support documents (such as user manuals, etc.), including those which comply with either old or current military standards, or common commercial practices. This means that the contents of this section includes:

- a. software which is identified by a CAGE (or NSCM) code and a drawing-based part number,
- b. software which is identified by a CAGE (or NSCM) code and a software number,
- c. software which is identified by a basic number and dash number (similar to a drawing-based part number, but independent of any drawing),
- d. software which is identified by a company name and software product name, and
- e. software support documents (including software version description documents) which are identified by a CAGE (or NSCM) code and a document number,
- f. software support documents (including software version description documents) which are identified by a company name and a document number or document title.

This series of tables includes all the software and software support document attributes which are necessary to the configuration management of the documents or the software products. Because there are no standards in this area, software is treated both as a document and as a product. This maximizes flexibility in this area while still providing the necessary configuration controls. By treating it as a document, the general rules which apply to any document can be applied (such as security markings and document representations, etc.). This approach facilitates correlation of source and executable code. By treating software as a product, the generic supertype can be used in parts lists and other references. This section also includes the relationship between software and software drawings, between software and software support documents, and between software and software version description documents. This section also addresses those parameters of the U.S. Air Force-assigned Computer Program Identification Number (CPIN) which can be used for CM. The relationships between these various entity tables are depicted in Figures 04SW1 through 04SW4.

B.5.4.1. Table 150, Software definition (SW). This table contains the unique identifier of software as a document (for software treated as a product, see Table 170). It is one subtype of Table GENERIC-DOC/010 for the case where document-type-code has a value of 'SW'. It includes both defense software (identified by a CAGE code) and commercial software (identified by an author, company, or organization acronym).

Code	Data Element Title	DED	Key
DOCIDN010	document-identifier	0122	FK
DOCTYP010	document-type-code	0004	FK
SRCIDN010	document-source-entity-identifier	0033	FK
SWPARA150	software-product-identification-paradigm-type-code	0163	M

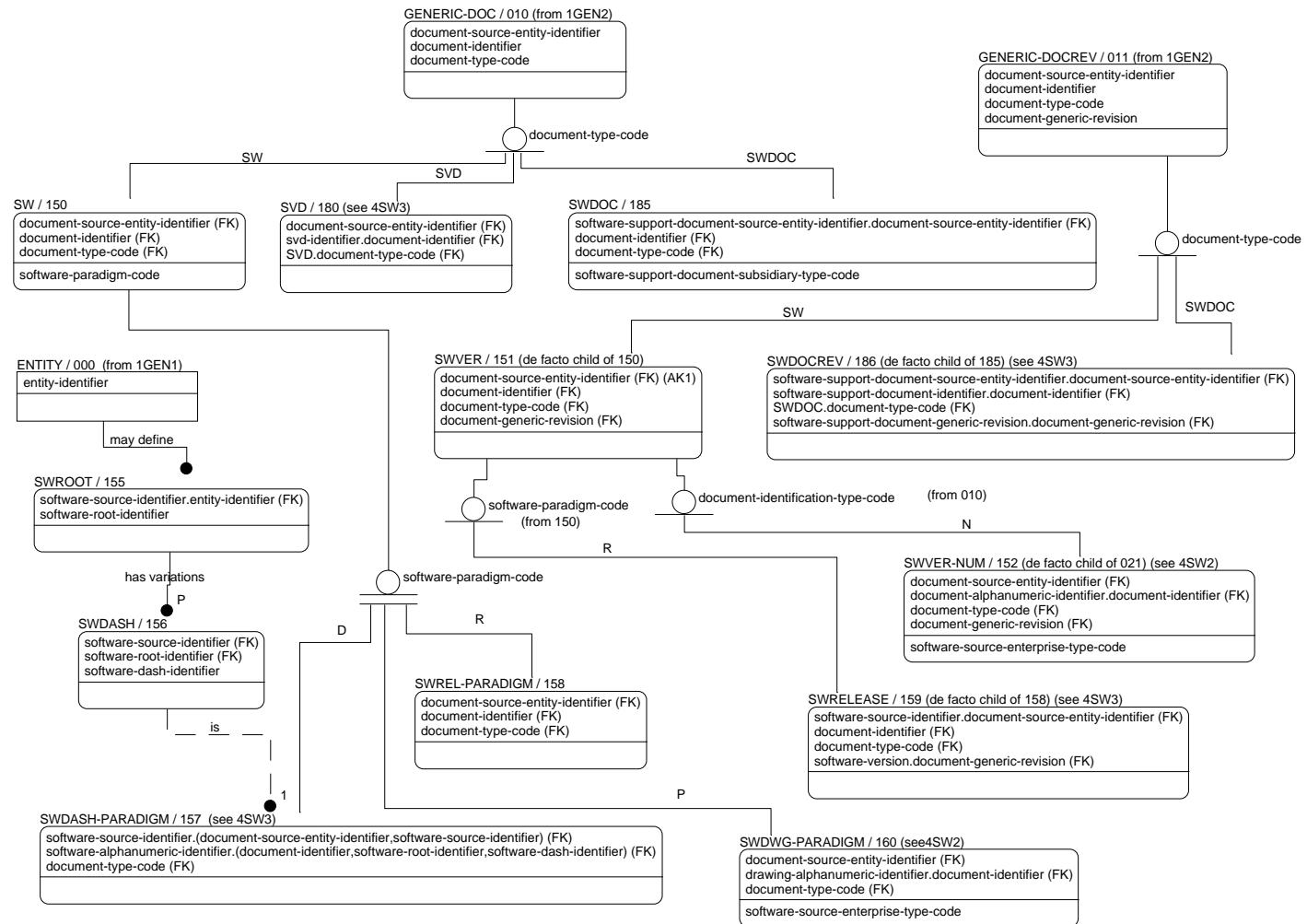


FIGURE 04SW1
SOFTWARE CODE & DOCUMENTS (Part 1 of 2)

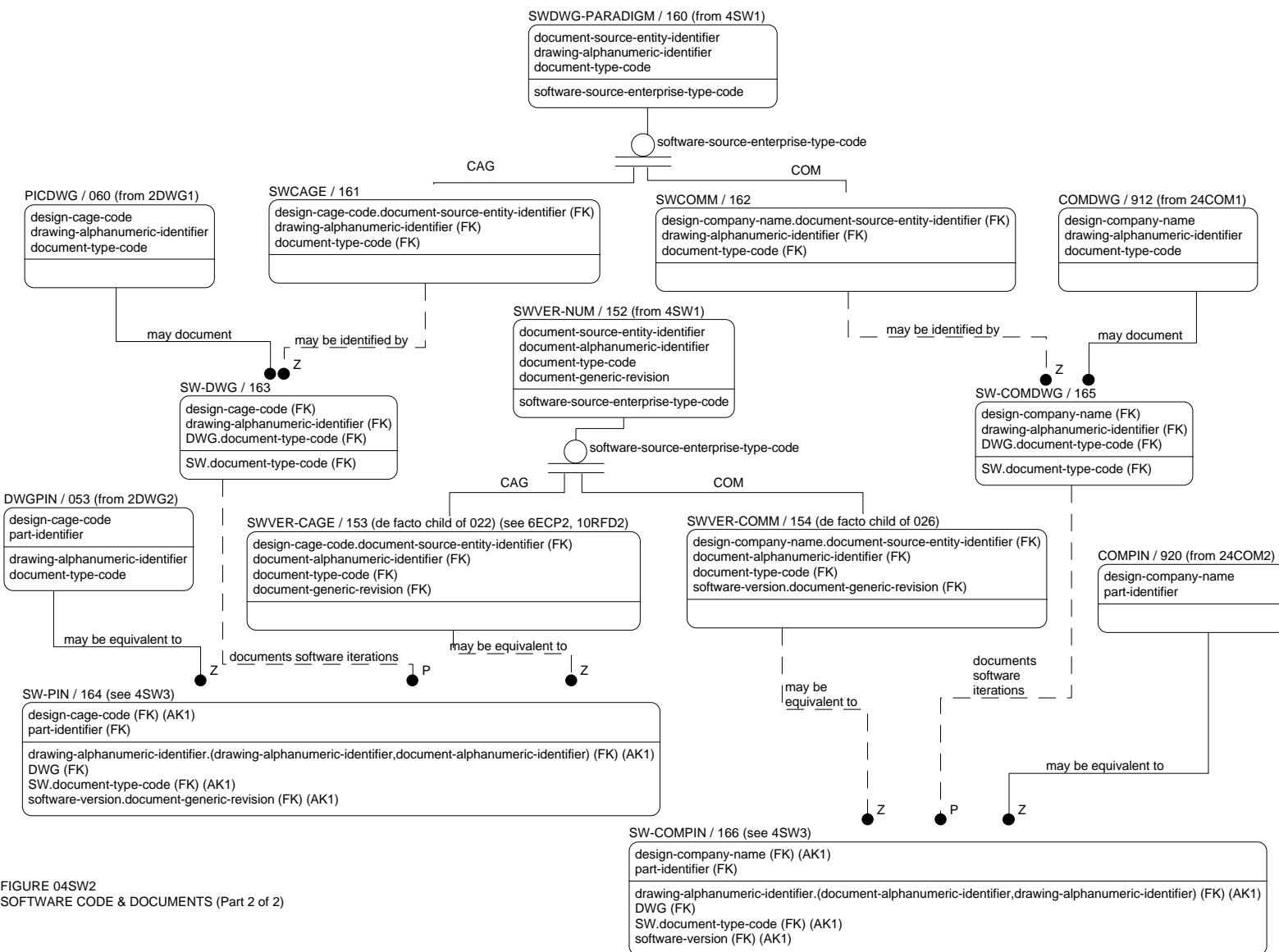


FIGURE 04SW2
SOFTWARE CODE & DOCUMENTS (Part 2 of 2)

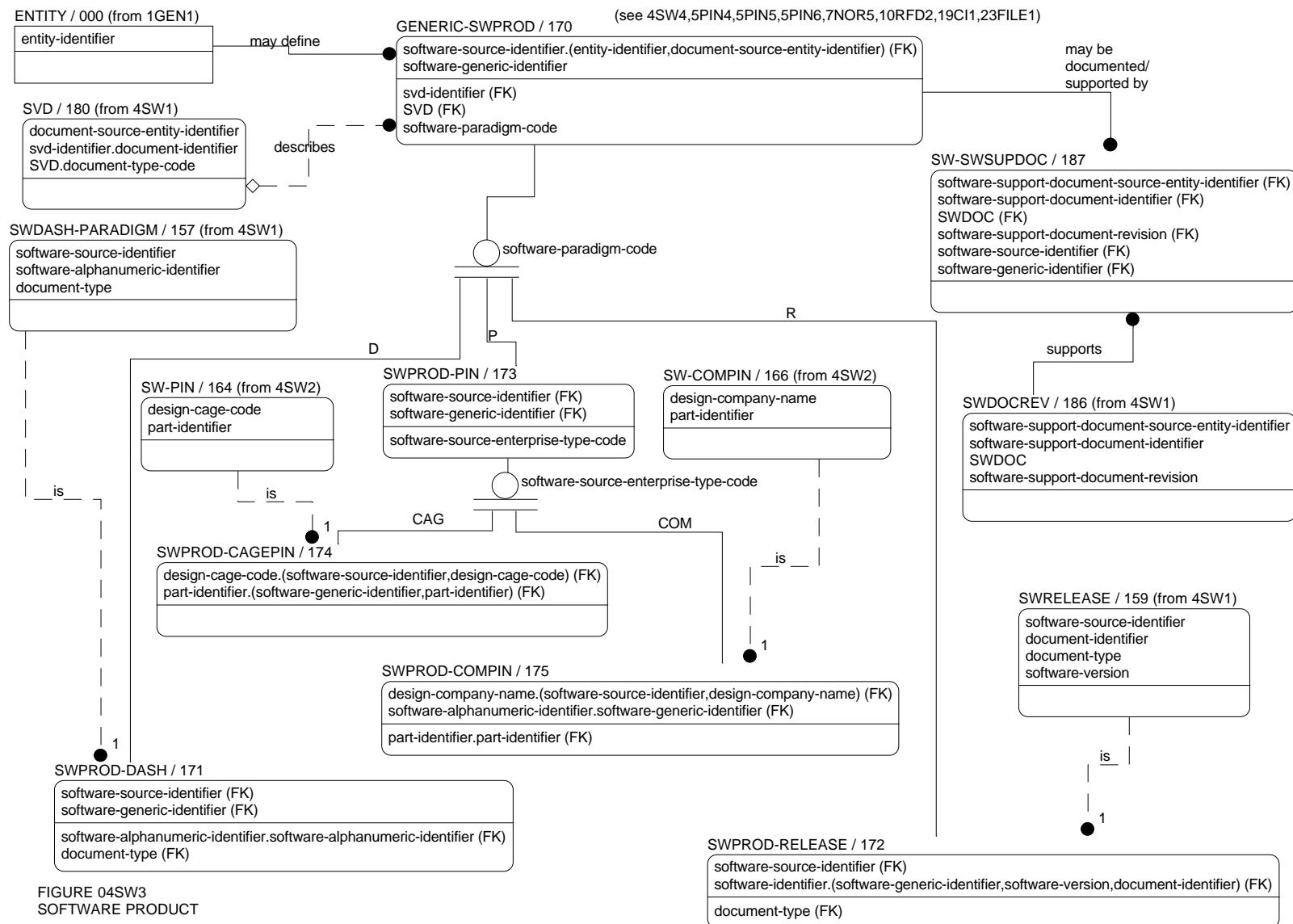
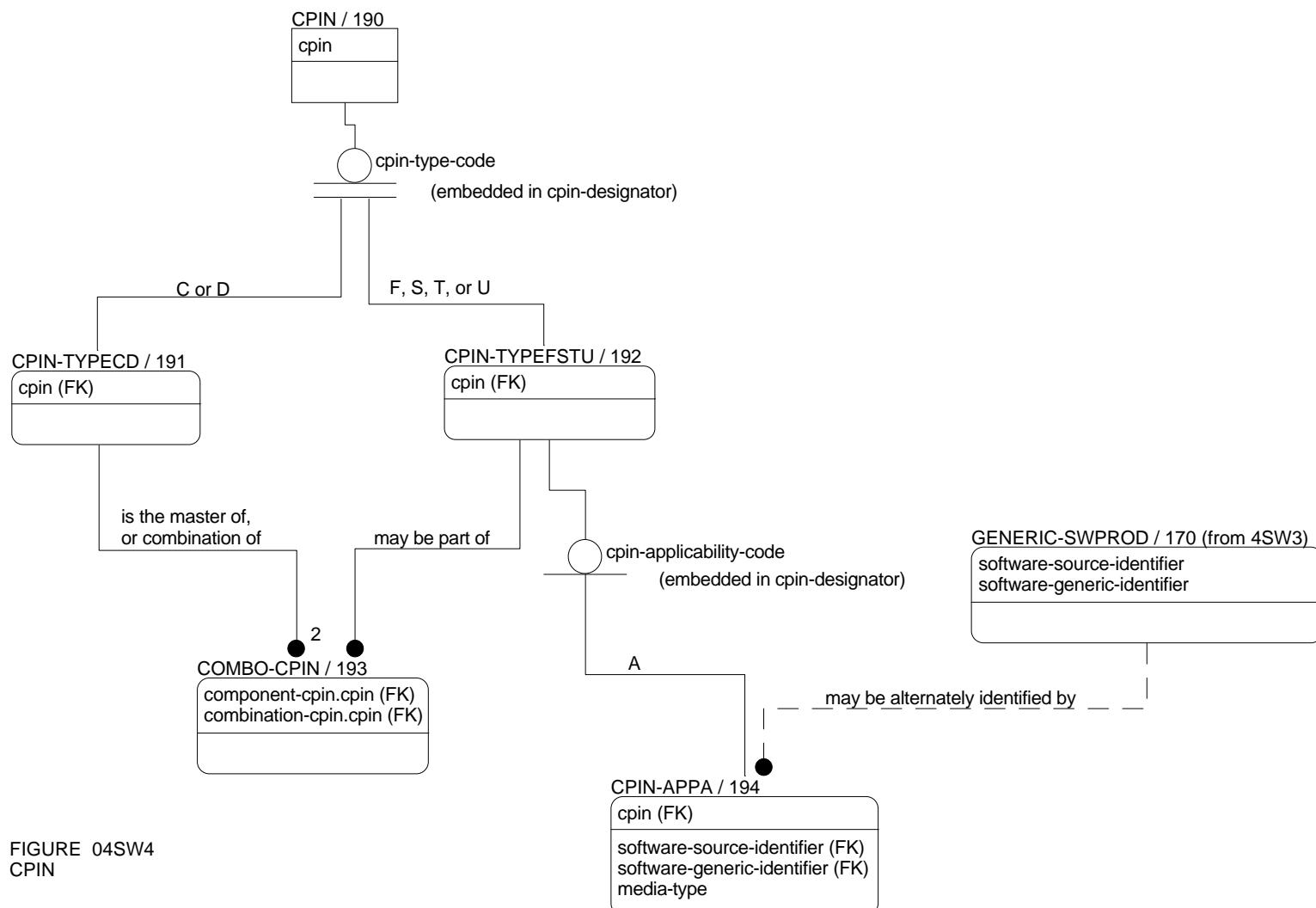


FIGURE 04SW3
SOFTWARE PRODUCT



MIL-STD-2549
APPENDIX B

B.5.4.2. Table 151, Software versions/version description document definition (SWVER). This table is a subtype of Table GENERIC-DOCREV/011 for the case where the value of document-type-code is 'SW' and identifies software versions. Due to parallel categorization, this table is a de facto child of Table SW/150. This table has two subtypes based on the value of document-identification-type-code (IDNTYP010 in Table 010) and three subtypes based on the value of software-product-identification-paradigm-type-code (SWPARA150 in Table 150).

Code	Data Element Title	DED	Key
DOCIDN010	document-identifier	0122	FK
DOCREV011	document-generic-revision-identifier	0243	FK
DOCTYP010	document-type-code	0004	FK
SRCIDN010	document-source-entity-identifier	0033	FK, AK1
COMIDN151	computer-software-compiler-asset-identifier	0031	
COMVER151	computer-software-compiler-asset-version-identifier	0064	
HWNAME151	computer-hardware-asset-nomenclature-identifier	0031	
LNKIDN151	computer-software-link-asset-identifier	0031	
LNKVER151	computer-software-link-asset-version-identifier	0064	
SYSIDN151	computer-operating-system-software-asset-identifier	0031	M
SYSVER151	computer-operating-system-software-asset-version-identifier	0064	

B.5.4.3. Table 152, Versions of software identified by an alphanumeric identifier (SWVER-NUM). This table is one subtype of Table SWVER/151 for the case in which the value of document-identification-type-code in Table GENERIC-DOC/010 is 'N'. It includes that software which is identified by an alphanumeric identifier rather than by a name. Due to parallel categorization, this table is a de facto child of Table NUMDOCREV/021.

- a. Because this table is a de facto child of Table 021, document-identifier (DOCIDN010) inherited from Table 151 is really a document-alphanumeric-identifier (DOCNUM020) existing in Table 021. Therefore, DOCIDN010 assumes the identity DOCNUM020.

Code	Data Element Title	DED	Key
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCREV011	document-generic-revision-identifier	0243	FK
DOCTYP010	document-type-code	0004	FK
SRCIDN010	document-source-entity-identifier	0033	FK
SRCTYP152	software-product-source-enterprise-identification-type-code	0050	M

B.5.4.4. Table 153, Versions of software identified by CAGE code and alphanumeric identifier (SWVER-CAGE). This table is one subtype of Table SWVER-NUM/152 for the case in which the value of software-product-source-enterprise-identification-type-code (SRCTYP152) in Table 152 is 'CAG'. It includes that software which is identified by a CAGE code (rather than by a company name) and an alphanumeric identifier (rather than by a name). By examination, it can be demonstrated that this table is equally applicable to all three categories of software (based on the software identification paradigm). Because the software-product-source-enterprise-identification-type-code has values which are a subset of the source-enterprise-identification-type-code in Table

MIL-STD-2549
APPENDIX B

ENTERPRISE/002, it can be shown that due to parallel categorization this table is a de facto child of Table CAGE-NUM-DOC/022.

- a. Because this table is a de facto child of Table 022, the value of document-source-entity-identifier (SRCIDN010) inherited from Table 152 must exist as a document-source-enterprise-defense-logistics--assigned-identification-code (SRCCAG022) in Table 022. SRCIDN010 assumes the role design-enterprise-defense-logistics--assigned-identification-code (DESCAG153).

Code	Data Element Title	DED	Key
DESCAG153	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCREV011	document-generic-revision-identifier	0243	FK
DOCTYP010	document-type-code	0004	FK

B.5.4.5. Table 154, Versions of software identified by a company name and alphanumeric identifier (SWVER-COMM). This table is one subtype of Table SWVER-NUM/152 for the case in which the value of software-product-source-enterprise-identification-type-code (SRCTYP152) in Table 152 is 'COM'. It includes that software which is identified by a company name (rather than by a CAGE code) and an alphanumeric identifier (rather than by a name). Because the software-product-source-enterprise-identification-type-code has values which are a subset of the source-enterprise-identification-type-code in Table ENTERPRISE/002, it can be shown that due to parallel categorization this table is a de facto subtype of Table COMPANY-NUM-DOCREV/027.

- a. Because this table is a de facto subtype of Table 027, the value of document-source-entity-identifier (SRCIDN010) inherited from Table 152 must exist as a commercial-document-source-enterprise-name (SRCCOM026) in Table 027. SRCIDN010 assumes the role design-enterprise-name (DESCOM154).
- b. Because this table is a de facto subtype of Table 027, the value of document-generic-revision-identifier (DOCREV011) inherited from Table 152 must exist as a document-generic-revision-identifier (DOCREV011) in Table 027. DOCREV011 assumes the role software-product-version-identifier (SWVERS154).

Code	Data Element Title	DED	Key
DESCOM154	design-enterprise-name	0170	FK
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCTYP010	document-type-code	0004	FK
SWVERS154	software-product-version-identifier	0062	FK

B.5.4.6. Table 155, Software root identifier for the software-dash number identification paradigm (SWROOT). This table identifies the basic (root) software identifiers used for identification of software programs or databases using the software-dash number paradigm. (See Table 157 for a more in depth discussion of the software-dash number paradigm.)

- a. Attribute entity-identifier (ENTYID000) inherited from Table 000 assumes the role software-product-source-entity-identifier (SWSORC155).

MIL-STD-2549
APPENDIX B

Code	Data Element Title	DED	Key
SWROOT155	software-product-basic-application-alphanumeric-identifier	0190	K
SWSORC155	software-product-source-entity-identifier	0033	FK

B.5.4.7. Table 156, Software dash identifiers for the software-dash number paradigm (SWDASH). This table identifies the basic (root) software identifiers used for identification of software programs or databases using the software-dash number paradigm and correlates them with the assigned suffix (dash) numbers.

Code	Data Element Title	DED	Key
SWDASH156	software-product-application-suffix-alphanumeric-identifier	0222	K
SWROOT155	software-product-basic-application-alphanumeric-identifier	0190	FK
SWSORC155	software-product-source-entity-identifier	0033	FK

B.5.4.8. Table 157, Software identifiers using the software-dash number paradigm (SWDASH-PARADIGM). This table is one category of software identification paradigm. It contains the software identifiers which identify software programs or databases when the software-dash number paradigm is used. Using this paradigm, each significant change to software (resulting in the noninterchangeability of releases) is identified by a basic (root) identifier followed by a hyphen and a suffix. The basic identifier ties all releases of one software program together; the suffix identifies significant differences between releases. Each release may have multiple versions; however, all versions in a single release must be interchangeable.

- a. Field DOCIDN010 from Table 150 must contain the same value as the concatenation of fields SWROOT155 and SWDASH156 (both from Table 156); therefore, DOCIDN010 assumes the identity software-product-alphanumeric-identifier (SWNUMB157).
- b. The attributes software-product-application-suffix-alphanumeric-identifier (SWDASH156) and software-product-basic-application-alphanumeric-identifier (SWROOT155) inherited from Table 156 are concatenated and assume the role software-product-alphanumeric-identifier (SWNUMB157). (See Appendix C for concatenation order.)
- c. Attribute document-source-entity-identifier (SRCIDN010) inherited from Table 150 and software-product-source-entity-identifier (SWSORC155) inherited from Table 156 must both have the same value. Therefore they merge and assume the identity software-product-source-entity-identifier (SWSORC155).

Code	Data Element Title	DED	Key
DOCTYP010	document-type-code	0004	FK
SWNUMB157	software-product-alphanumeric-identifier	0088	FK
SWSORC155	software-product-source-entity-identifier	0033	FK

B.5.4.9. Table 158, Software identifiers using the software release paradigm (SWREL-PARADIGM). This table is one category of software identification paradigm. It contains the software identifiers which identify software programs or databases when the software release paradigm is used. Using this paradigm, each change to software is identified by a name or basic identifier followed by a release (or version) identifier. The name/basic identifier ties all releases of one software program (or database) together; the release (or version) identifies differences

MIL-STD-2549
APPENDIX B

between releases. Although changes in software are identified, no guaranty of interchangeability is expressed or implied by this method.

Code	Data Element Title	DED	Key
DOCIDN010	document-identifier	0122	FK
DOCTYP010	document-type-code	0004	FK
SRCIDN010	document-source-entity-identifier	0033	FK

B.5.4.10. Table 159, Software releases for the software release paradigm (SWRELEASE). This table contains the iterations (releases/versions) of software when the software release paradigm is used. Due to parallel categorization, this table is a de facto child of Table SWREL-PARADIGM/158.

- a. Attribute document-source-entity-identifier (SRCIDN010) inherited from Table 151 assumes the role software-product-source-entity-identifier (SWSORC159).
- b. Attribute document-generic-revision-identifier (DOCREV011) inherited from Table 151 assumes the role software-product-version-identifier (SWVERS159).

Code	Data Element Title	DED	Key
DOCIDN010	document-identifier	0122	FK
DOCTYP010	document-type-code	0004	FK
SWSORC159	software-product-source-entity-identifier	0033	FK
SWVERS159	software-product-version-identifier	0062	FK

B.5.4.11. Table 160, Software identifiers for the software drawing paradigm (SWDWG-PARADIGM). This table is one category of software identification paradigm. It contains the software identifiers which identify software programs or databases when the software drawing paradigm is used. Using this paradigm, each change to software is identified by a part identification number (PIN) on an engineering drawing. The engineering drawing identifier ties all releases of one software program (or database) together; the PIN identifies differences between releases (or versions). All changes in software are uniquely identified; therefore, noninterchangeability of sequential releases/versions is implied by this method.

- a. Attribute document-identifier (DOCIDN010) inherited from Table 150 assumes the role engineering-drawing-document-alphanumeric-identifier (DWGNUM160).

Code	Data Element Title	DED	Key
DOCTYP010	document-type-code	0004	FK
DWGNUM160	engineering-drawing-document-alphanumeric-identifier	0003	FK
SRCIDN010	document-source-entity-identifier	0033	FK
SRCTYP160	software-product-source-enterprise-identification-type-code	0050	M

B.5.4.12. Table 161, Software with a source identified by a CAGE code (SWCAGE). This table is one category of Table SWDWG-PARADIGM/160 for the case when the software-product-source-enterprise-identification-type-

MIL-STD-2549
APPENDIX B

code (SRCTYP160) in Table 160 has a value of 'CAG' indicating that the software source is identified by a CAGE code. Examination of categorization will prove that the design-enterprise-defense-logistics--assigned-identification-code (DESCAG161) must exist as an enterprise-defense-logistics--assigned-identification-code (CAGNUM003) in Table CAGE/003.

- a. Attribute document-source-entity-identifier (SRCIDN010) inherited from Table 160 assumes the role design-enterprise-defense-logistics--assigned-identification-code (DESCAG161).

Code	Data Element Title	DED	Key
DESCAG161	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DOCTYP010	document-type-code	0004	FK
DWGNUM160	engineering-drawing-document-alphanumeric-identifier	0003	FK

B.5.4.13. Table 162, Software with a source identified by a company name (SWCOMM). This table is one category of Table SWDWG-PARADIGM/160 for the case when the software-product-source-enterprise-identification-type-code (SRCTYP160) in Table 160 has a value of 'COM' indicating that the software source is identified by a company name. Examination of categorization will prove that the design-enterprise-name (DESCOM162) must exist as a commercial-enterprise-name (COMNAM005) in Table COMPANY/005.

- a. Attribute document-source-entity-identifier (SRCIDN010) inherited from Table 160 assumes the role design-enterprise-name (DESCOM162).

Code	Data Element Title	DED	Key
DESCOM162	design-enterprise-name	0170	FK
DOCTYP010	document-type-code	0004	FK
DWGNUM160	engineering-drawing-document-alphanumeric-identifier	0003	FK

B.5.4.14. Table 163, Correlation of software to software drawings (SW-DWG). This table correlates software identifiers to drawing number when there is a requirement to use software drawings.

- a. Fields DESCAG050 inherited from Table 060 and DESCAG161 inherited from Table 161 must be the same; therefore, they assume the identity design-enterprise-defense-logistics--assigned-identification-code (DESCAG163).
- b. Fields DWGNUM050 inherited from Table 060 and DWGNUM160 inherited from Table 161 must be the same; therefore, they assume the identity engineering-drawing-document-alphanumeric-identifier (DWGNUM163).
- c. Attribute document-type-code (DOCTYP010) inherited from Table 060 assumes the role engineering-drawing-document-type-code (DWGTYPE163).
- d. Attribute document-type-code (DOCTYP010) inherited from Table 161 assumes the role software-document-type-code (SWTYPE163).

MIL-STD-2549
APPENDIX B

Code	Data Element Title	DED	Key
DESCAG163	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DWGNUM163	engineering-drawing-document-alphanumeric-identifier	0003	FK
DWGTYP163	engineering-drawing-document-type-code	0004	FK
SWTYPE163	software-document-type-code	0004	FK

B.5.4.15. Table 164, Correlation of software to drawing/part number (SW-PIN). This table correlates software identifiers to part number when there is a requirement to use software drawings.

- a. The value of the engineering-drawing-document-alphanumeric-identifier (DWGNUM164) for each instance in this table must be the same as the value of the engineering-drawing-document-alphanumeric-identifier (DWGNUM050) in Table DWGPIN/053 for the parent instance.
- b. Fields DESCAG053 inherited from Table 053, DESCAG153 inherited from Table 153, and DESCAG163 inherited from Table 163 must be the same. Therefore, they merge and assume the identity design-enterprise-defense-logistics--assigned-identification-code (DESCAG164).
- c. Attribute document-alphanumeric-identifier (DOCNUM020) inherited from Table 153 and engineering-drawing-document-alphanumeric-identifier (DWGNUM163) inherited from Table 163 must both have the same value. Therefore they merge and assume the identity engineering-drawing-document-alphanumeric-identifier (DWGNUM164).
- d. Attribute document-type-code (DOCTYP010) inherited from Table 153 assumes the role software-document-type-code (SWTYPE164).
- e. Attribute document-generic-revision-identifier (DOCREV011) inherited from Table 153 assumes the role software-product-version-identifier (SWVERS164).

Code	Data Element Title	DED	Key
DESCAG164	design-enterprise-defense-logistics--assigned-identification-code	0001	FK, AK1
PARNUM210	part-product-identifier	0024	FK
DWGNUM164	engineering-drawing-document-alphanumeric-identifier	0003	FK, AK1
DWGTYP163	engineering-drawing-document-type-code	0004	FK
SWTYPE164	software-document-type-code	0004	FK, AK1
SWVERS164	software-product-version-identifier	0062	FK, AK1

B.5.4.16. Table 165, Correlation of commercial software to commercial software drawings (SW-COMDWG). This table correlates commercial software identifiers to the commercial drawing number when the software drawings paradigm is used for software identification of commercial software.

- a. Fields DESCOM162 inherited from Table 162 and DESCOM912 inherited from Table 912 must be the same; therefore, they assume the identity design-enterprise-name (DESCOM165).

MIL-STD-2549
APPENDIX B

- b. Fields DWGNUM160 inherited from Table 162 and DWGNUM912 inherited from Table 912 must be the same; therefore, they assume the identity engineering-drawing-document-alphanumeric-identifier (DWGNUM165).
- c. Attribute document-type-code (DOCTYP010) inherited from Table 912 assumes the role engineering-drawing-document-type-code (DWGTYP165).
- d. Attribute document-type-code (DOCTYP010) inherited from Table 162 assumes the role software-document-type-code (SWTYP165).

Code	Data Element Title	DED	Key
DESCOM165	design-enterprise-name	0170	FK
DWGNUM165	engineering-drawing-document-alphanumeric-identifier	0003	FK
DWGTYP165	engineering-drawing-document-type-code	0004	FK
SWTYP165	software-document-type-code	0004	FK

B.5.4.17. Table 166, Correlation of commercial software to a commercial drawing/part number (SW-COMPIN). This table correlates commercial software identifiers to a commercial part number when the software drawing paradigm is used.

- a. Fields DESCOM154 inherited from Table 154, DESCOM165 inherited from Table 165, and DESCOM919 inherited from Table 920 must be the same. Therefore, they merge and assume the identity commercial-enterprise-name (DESCOM166).
- b. Attribute document-alphanumeric-identifier (DOCNUM020) inherited from Table 154 and engineering-drawing-document-alphanumeric-identifier (DWGNUM165) inherited from Table 165 must both have the same value. Therefore they merge and assume the identity engineering-drawing-document-alphanumeric-identifier (DWGNUM165).
- c. Attribute document-type-code (DOCTYP010) inherited from Table 154 assumes the role software-document-type-code (SWTYPE166).

Code	Data Element Title	DED	Key
DESCOM166	commercial-enterprise-name	0170	FK, AK1
PARNUM210	part-product-identifier	0024	FK
DWGNUM165	engineering-drawing-document-alphanumeric-identifier	0003	FK, AK1
DWGTYP165	engineering-drawing-document-type-code	0004	FK
SWTYPE166	software-document-type-code	0004	FK, AK1
SWVERS154	software-product-version-identifier	0062	FK, AK1

B.5.4.18. Tables 167 through 169. Reserved.

B.5.4.19. Table 170, Generic identification of software (GENERIC-SWPROD). This table is the generic super-type of software identification which includes the identification of all software which is by part number, name and

MIL-STD-2549
APPENDIX B

release/version, or other identification. This table has three subtypes: SWPROD-DASH/171, SWPROD-RELEASE/172, and SWPROD-PIN/173.

- a. The entity-identifier (ENTYID000) inherited from Table 000 assumes the identity software-product-source-entity-identifier (SWSORC170). If there is a related software version description document, the document-source-entity-identifier (SRCIDN010) must have the same value as SWSORC170.

Code	Data Element Title	DED	Key
SWIDEN170	software-product-generic-identifier	0060	K
SWSORC170	software-product-source-entity-identifier	0033	FK
SVNUM180	software-version-description-document-alphanumeric-identifier	0003	FK, O
SVDTYP180	software-version-description-document-type-code	0004	FK, O
SWPARA170	software-product-identification-paradigm-type-code	0163	M

B.5.4.20. Table 171, Software product identified by dash numbers (SWPROD-DASH). This table is one category of GENERIC-SWPROD/170 for the case when the value of software-product-identification-paradigm-type-code (SWPARA170) is 'D'. It consists of those software products which are identified using the software-dash number paradigm. It relates the software product identifier to the software document identifier (which contains the code or other files).

- a. Attribute software-product-alphanumeric-identifier (SWNUMB157) inherited from Table 157 and software-product-generic-identifier (SWIDEN170) inherited from Table 170 must both have the same value. Therefore they merge and assume the identity software-product-alphanumeric-identifier (SWNUMB157).
- b. Fields SWSORC155 inherited from Table 157 and SWSORC170 inherited from Table 170 must be the same; therefore, they assume the identity software-product-source-entity-identifier (SWSORC171).

Code	Data Element Title	DED	Key
SWNUMB157	software-product-alphanumeric-identifier	0088	FK
SWSORC171	software-product-source-entity-identifier	0033	FK
DOCTYP010	document-type-code	0004	FK

B.5.4.21. Table 172, Software products identified by the release or version number (SWPROD-RELEASE). This table is one category of GENERIC-SWPROD/170 for the case when the value of software-product-identification-paradigm-type-code (SWPARA170) is 'R'. It consists of those software products which are identified using the software release (or version) paradigm. It relates the software product identifier to the software document identifier (which contains the code or other files).

- a. The concatenation of the values of document-identifier (DOCIDN010) and software-product-version-identifier (SWVERS159) inherited from Table SWRELEASE/159 must be the same value as the software-product-generic-identifier (SWIDEN170) inherited from Table 170; therefore, they are merged and assume the identity software-product-identifier (SWPIDN172).

MIL-STD-2549
APPENDIX B

- b. Fields SWSORC159 inherited from Table 159 and SWSORC170 inherited from Table 170 must be the same; therefore, they assume the identity software-product-source-entity-identifier (SWSORC172).

Code	Data Element Title	DED	Key
SWPIDN172	software-product-identifier	0262	FK
SWSORC172	software-product-source-entity-identifier	0033	FK
DOCTYP010	document-type-code	0004	FK

B.5.4.22. Table 173, Software products identified by a drawing-related part number (SWPROD-PIN). This table is one category of GENERIC-SWPROD/170 for the case when the value of software-product-identification-paradigm-type-code (SWPARA170) is 'P'. It consists of those software products which are identified using the software drawing number paradigm. It has two subtypes: SWPROD-CAGEPIN/174 and SWPROD-COMPIN/175.

Code	Data Element Title	DED	Key
SWIDEN170	software-product-generic-identifier	0060	FK
SWSORC170	software-product-source-entity-identifier	0033	FK
SRCTYP173	software-product-source-enterprise-identification-type-code	0050	M

B.5.4.23. Table 174, Software products identified by a CAGE code and a drawing-related part number (SWPROD-CAGEPIN). This table is one category of SWPROD-PIN/173 for the case when the value of software-product-source-enterprise-identification-type-code (SRCTYP173) is 'CAG'. It consists of those software products which are identified using the software drawing paradigm with parts/drawings identified by a CAGE code and alphanumeric identifier. It relates the software product identifier to the software part number and related drawing (which contains the code or other files).

- a. Attribute design-enterprise-defense-logistics--assigned-identification-code (DESCAG164) inherited from Table 164 and software-product-source-entity-identifier (SWSORC170) inherited from Table 173 must both have the same value. Therefore they merge and assume the identity design-enterprise-defense-logistics--assigned-identification-code (DESCAG164).
- b. Attribute part-product-identifier (PARNUM210) inherited from Table 164 and software-product-generic-identifier (SWIDEN170) inherited from Table 170 must both have the same value. Therefore they merge and assume the identity part-product-identifier (PARNUM210).

Code	Data Element Title	DED	Key
DESCAG164	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
PARNUM210	part-product-identifier	0024	FK

B.5.4.24. Table 175, Software products identified by a company name and a drawing-related part number (SWPROD-COMPIN). This table is one category of SWPROD-PIN/173 for the case when the value of software-product-source-enterprise-identification-type-code (SRCTYP173) is 'COM'. It consists of those software products which are identified using the software drawing paradigm with parts/drawings identified by a company name and

MIL-STD-2549
APPENDIX B

alphanumeric identifier. It relates the software product identifier to the software part number and related commercial drawing (which contains the code or other files).

- a. Attribute commercial-enterprise-name (DESCOM166) inherited from Table 166 and software-product-source-entity-identifier (SWSORC170) inherited from Table 173 must both have the same value. Therefore they merge and assume the identity commercial-enterprise-name (DESCOM166).
- b. Attribute part-product-identifier (PARNUM210) inherited from Table 166 and software-product-generic-identifier (SWIDEN170) inherited from Table 173 must both have the same value. Therefore they merge and assume the identity part-product-identifier (PARNUM210).

Code	Data Element Title	DED	Key
DESCOM166	commercial-enterprise-name	0170	FK
PARNUM210	part-product-identifier	0024	FK

B.5.4.25. Tables 176 through 179. Reserved.

B.5.4.26. Table 180, Software version description definition (SVD). This table contains the unique identifier of software version description documents. A software version description document is one subtype of a Table GENERIC-DOC/010 for the case where document-type-code has a value of 'SVD'.

- a. Attribute document-identifier (DOCIDN010) inherited from Table 010 assumes the role software-version-description-document-alphanumeric-identifier (SVDNUM180).
- b. Attribute document-type-code (DOCTYP010) inherited from Table 010 assumes the role software-version-description-document-type-code (SVDTYP180).

Code	Data Element Title	DED	Key
SRCIDN010	document-source-entity-identifier	0033	FK
SVDNUM180	software-version-description-document-alphanumeric-identifier	0003	FK
SVDTYP180	software-version-description-document-type-code	0004	FK

B.5.4.27. Tables 181 through 184. Reserved.

B.5.4.28. Table 185, Software support document identification (SWDOC). This table contains the unique identifier of software support documents. Software support documents are one subtype of Table GENERIC-DOC/010 for the case where document-type-code (DOCTYP010) has a value of 'SWDOC'.

- a. Attribute document-source-entity-identifier (SRCIDN010) inherited from Table 010 assumes the role software-support-document-source-entity-identifier (SSDSRC185).

Code	Data Element Title	DED	Key
DOCIDN010	document-identifier	0122	FK
DOCTYP010	document-type-code	0004	FK

MIL-STD-2549
APPENDIX B

SSDSRC185	software-support-document-source-entity-identifier	0033	FK
SDOCSB185	software-support-document-subsidiary-type-code	0107	M

B.5.4.29. Table 186, Software support document revisions (SWDOCREV). This table is a subtype of Table GENERIC-DOCREV/011 and contains the revision history for software support documents. Due to parallel categorization, this table is a de facto child of Table SWDOC/185.

- a. Attribute document-identifier (DOCIDN010) inherited from Table 011 assumes the role software-support-document-alphanumeric-identifier (SSDIDN186).
- b. Attribute document-generic-revision-identifier (DOCREV011) inherited from Table 011 assumes the role software-support-document-generic-revision-identifier (SSDREV186).
- c. Because this table is a de facto child of Table 185, document-source-entity-identifier (SRCIDN010) inherited from Table 011 is really a software-support-document-source-entity-identifier (SSDSRC185) existing in Table 185. Therefore, SRCIDN010 assumes the identity SSDSRC185.
- d. Attribute document-type-code (DOCTYP010) inherited from Table 011 assumes the role software-support-document-type-code (SSDTYP186).

Code	Data Element Title	DED	Key
SSDIDN186	software-support-document-alphanumeric-identifier	0122	FK
SSDREV186	software-support-document-generic-revision-identifier	0243	FK
SSDSRC185	software-support-document-source-entity-identifier	0033	FK
SSDTYP186	software-support-document-type-code	0004	FK

B.5.4.30. Table 187, Correlation of software support documentation revisions to the software versions they support (SWDOCREV-SWVER). This table correlates software versions with the specific software support document revision(s) which support it.

Code	Data Element Title	DED	Key
SSDIDN186	software-support-document-alphanumeric-identifier	0122	FK
SSDREV186	software-support-document-generic-revision-identifier	0243	FK
SSDSRC185	software-support-document-source-entity-identifier	0033	FK
SSDTYP186	software-support-document-type-code	0004	FK
SWIDEN170	software-product-generic-identifier	0060	FK
SWSORC170	software-product-source-entity-identifier	0033	FK

B.5.4.31. Tables 188 and 189. Reserved.

B.5.4.32. Table 190, USAF Computer Program Identification Numbers (CPINs) (CPIN). This table contains the USAF CPINs assigned by OC-ALC/MMEDUE to Embedded Computer Software (ECS) and related software as required by USAF TO 00-15-16.

MIL-STD-2549
APPENDIX B

Code	Data Element Title	DED	Key
CPINNO190	software-product-united-states-air-force--assigned-designation-identifier	0237	K

B.5.4.33. Table 191, CPINs with a software type of 'C' or 'D' (CPIN-TYPECD). This table is a subtype of Table 190 containing the subset of software-product-united-states-air-force--assigned-designation-identifier (CPINNO190) which consists of those software-product-united-states-air-force--assigned-designation-identifiers with a value of 'C' or 'D' for the software-product-united-states-air-force--assigned-type-code. (The software-product-united-states-air-force--assigned-type-code is one of the data elements which comprise the software-product-united-states-air-force--assigned-designation-identifier.)

Code	Data Element Title	DED	Key
CPINNO190	software-product-united-states-air-force--assigned-designation-identifier	0237	FK

B.5.4.34. Table 192, CPINs with a software type code of 'F', 'S', 'T', or 'U' (CPIN-TYPEFSTU). This table is a subtype of Table 190 containing the subset of software-product-united-states-air-force--assigned-designation-identifier (CPINNO190) which consists of those software-product-united-states-air-force--assigned-designation-identifiers with a value of 'F', 'S', 'T', or 'U' for the software-product-united-states-air-force--assigned-type-code. (The software-product-united-states-air-force--assigned-type-code is one of the data elements which comprise the software-product-united-states-air-force--assigned-designation-identifier.) This table has two subtypes (applicable to software ['A'] and applicable to software engineering documentation package ['D']). Only the table which is applicable to software is shown because the software engineering documentation package CPIN is unnecessary to CM.

Code	Data Element Title	DED	Key
CPINNO190	software-product-united-states-air-force--assigned-designation-identifier	0237	FK

B.5.4.35. Table 193, Combination and Master CPINs (COMBO-CPIN). This table correlates the combination and master CPINs with the software (or software engineering data package) CPINs which they combine.

- a. Attribute software-product-united-states-air-force--assigned-designation-identifier (CPINNO190) inherited from Table 191 assumes the role combination-software-product-united-states-air-force--assigned-designation-identifier (COMBNO193).
- b. Attribute software-product-united-states-air-force--assigned-designation-identifier (CPINNO190) inherited from Table 192 assumes the role component-software-product-united-states-air-force--assigned-designation-identifier (COMPNO193).

Code	Data Element Title	DED	Key
COMBNO193	combination-software-product-united-states-air-force--assigned-designation-identifier	0237	FK
COMPNO193	component-software-product-united-states-air-force--assigned-designation-identifier	0237	FK

MIL-STD-2549
APPENDIX B

B.5.4.36. Table 194, CPINs assigned to Software (CPIN-APPA). This table is a subtype of Table 192 which contains the subset of software-product-united-states-air-force--assigned-designation-identifier which is applicable to software (rather than software engineering documentation packages). The instances in this table all have a value of 'A' for the software-product-united-states-air-force--assigned-applicability-code. (The software-product-united-states-air-force--assigned-applicability-code is one of the data elements which is part of the software-product-united-states-air-force--assigned-designation-identifier.)

Code	Data Element Title	DED	Key
CPIINNO190	software-product-united-states-air-force--assigned-designation-identifier	0237	FK
SWIDEN170	software-product-generic-identifier	0060	FK
SWSORC170	software-product-source-entity-identifier	0033	FK
MEDTYP194	software-product-storage-medium-type-name	0238	M

B.5.4.37. Tables 195 through 199. Reserved.

MIL-STD-2549
APPENDIX B

B.5.5. Parts and materials. Entity tables numbered in the range of 200 through 249 contain the identification of parts and materials, and the effective contents of parts lists (including both integral and separate parts lists), and the current configuration of products. This section addresses a generic part number which includes parts defined by engineering drawings (CAGE and part number), military or industry standards (part numbers defined by an organization acronym) and company internal practices (part numbers defined by companies without a CAGE code). Similarly, this section addresses a generic material (for materials not identified by a part number) which includes parts defined by program-unique specifications, military or industry standards, and company internal practices (material names). The material section is broadly designed to include parts which are identified by parameters instead of a part number (for example: No. 8, 3/4 in., 24UNC, Hex-head bolt). Both of these sections also address the concept of substitute (due to temporary non-availability) and replacement (due to permanent supersession) parts/materials. This section also includes an effective parts list (parts list by drawing revision and parts list by change effectiveness) and a current configuration structure (parts list by part and serial/lot number). The relationships between these various entity tables are depicted in Figures 04PIN1 through 04PIN8.

Other part/material identification can be found in the applicable section of this appendix. (See B.5.8.4 for substitute and replacement National Stock Numbers, and B.5.22.5 for company stock numbers.)

B.5.5.1. Table 200, Generic identification of materials (GENERIC-MATID). This table is the generic super-type of material identification which includes the identification of all materials and parts which are identified by parameters, classes, types, etc. It specifically excludes materials identified by part number. It has three subtypes: STD-MATID/201, CAGE-MATID/205, and COM-MATID/915.

- a. For each value of product--tracking-base--identifier (BASNUM500) in this table, there must be one (and only one) instance in this table where the value of BASNUM500 is the same as the value of the concatenation of design-enterprise-identifier (DESENT200), material-product-generic-identifier (MATGID200), and material-product-identifier (MATIDN200).
- b. Attribute enterprise-identifier (ENTIDN002) inherited from Table 002 assumes the role design-enterprise-identifier (DESENT200).
- c. Attribute part-product-name (PARNAM209) inherited from Table 209 assumes the role material-product-name (MATNAM200).

Code	Data Element Title	DED	Key
MATGID200	material-product-generic-identifier	0092	K
MATIDN200	material-product-identifier	0038	K
DESENT200	design-enterprise-identifier	0052	FK
BASNUM500	product--tracking-base--identifier	0056	FK, O
MATNAM200	material-product-name	0191	FK, O
NSNNUM345	product-national-stock-identifier	0049	FK, O
HAZMAT200	materiel-item-supply-hazardous-material-code	0078	M
METALS200	materiel-item-supply-precious-metals-indicator-code	0093	M
RELDAT200	material-product-design-release-date	0082	
SHLFCD200	supply-item-control-shelf-life-code	0094	
SRVCCD200	product-service-life-period-unit-code	0232	
SRVCQY200	product-service-life-period-quantity	0086	
STATIC200	materiel-item-supply-electrostatic-discharge-electromagnetic-interference-code	0074	M

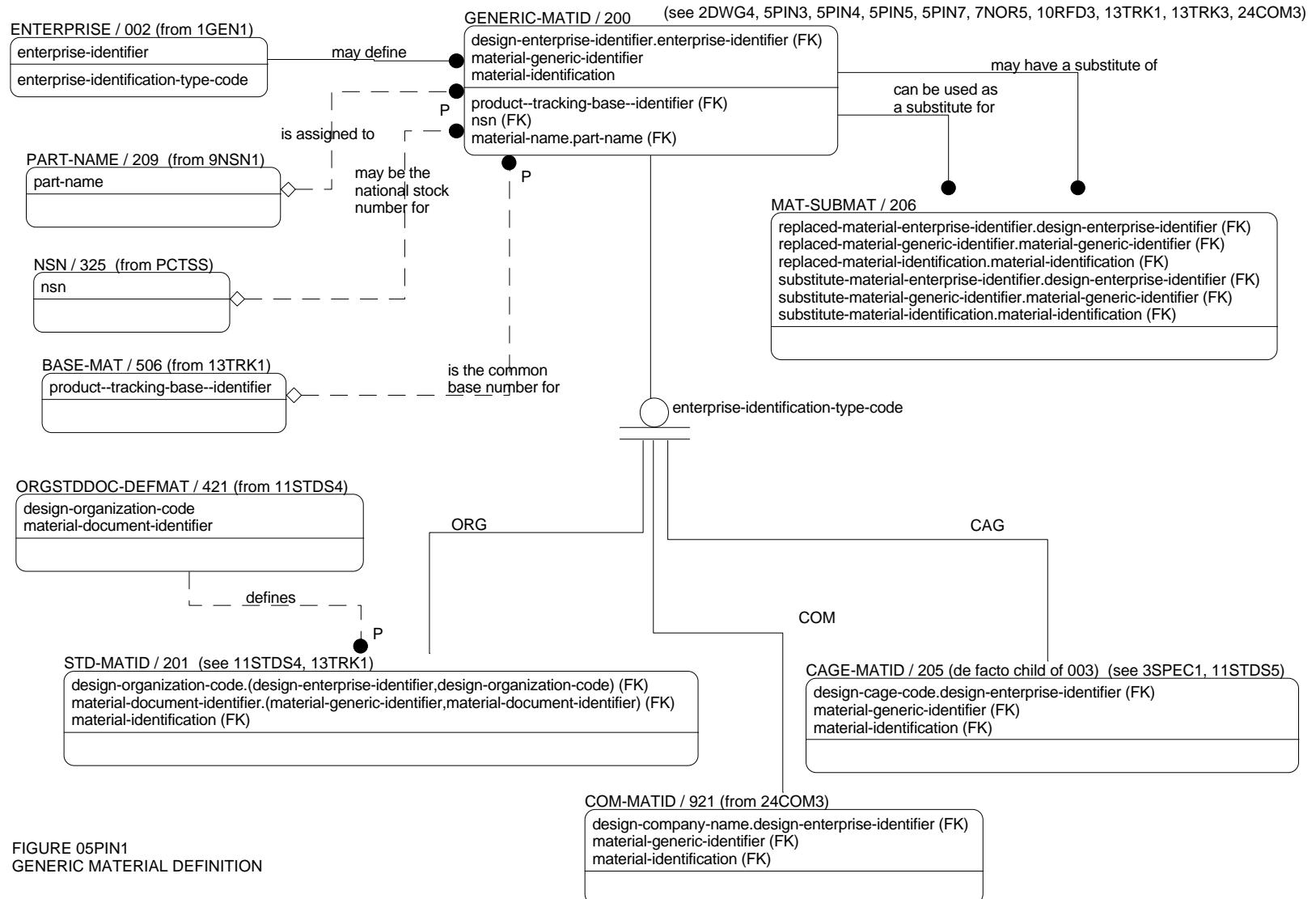


FIGURE 05PIN1
GENERIC MATERIAL DEFINITION

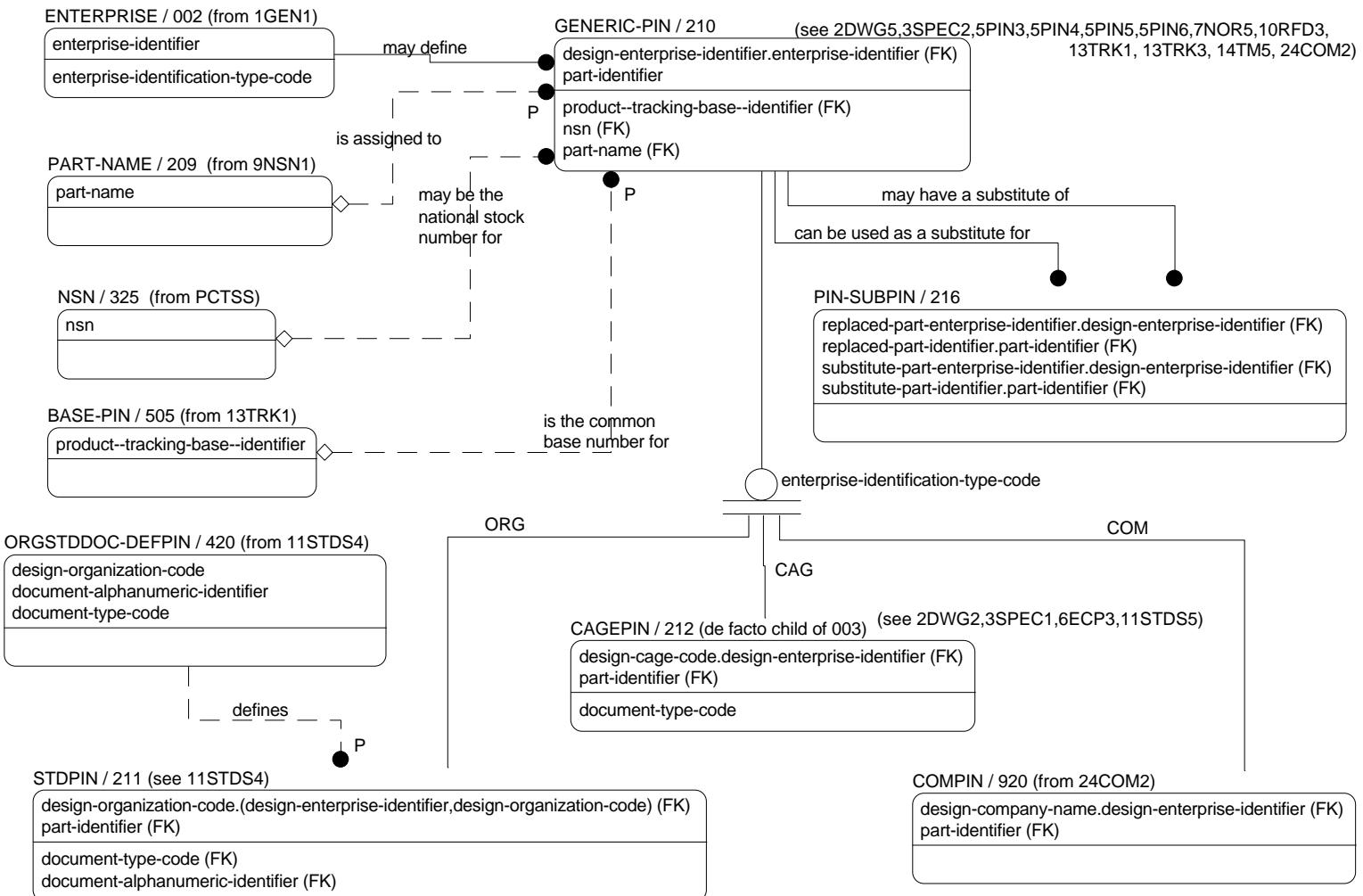


FIGURE 05PIN2
GENERIC PART NUMBER DEFINITION

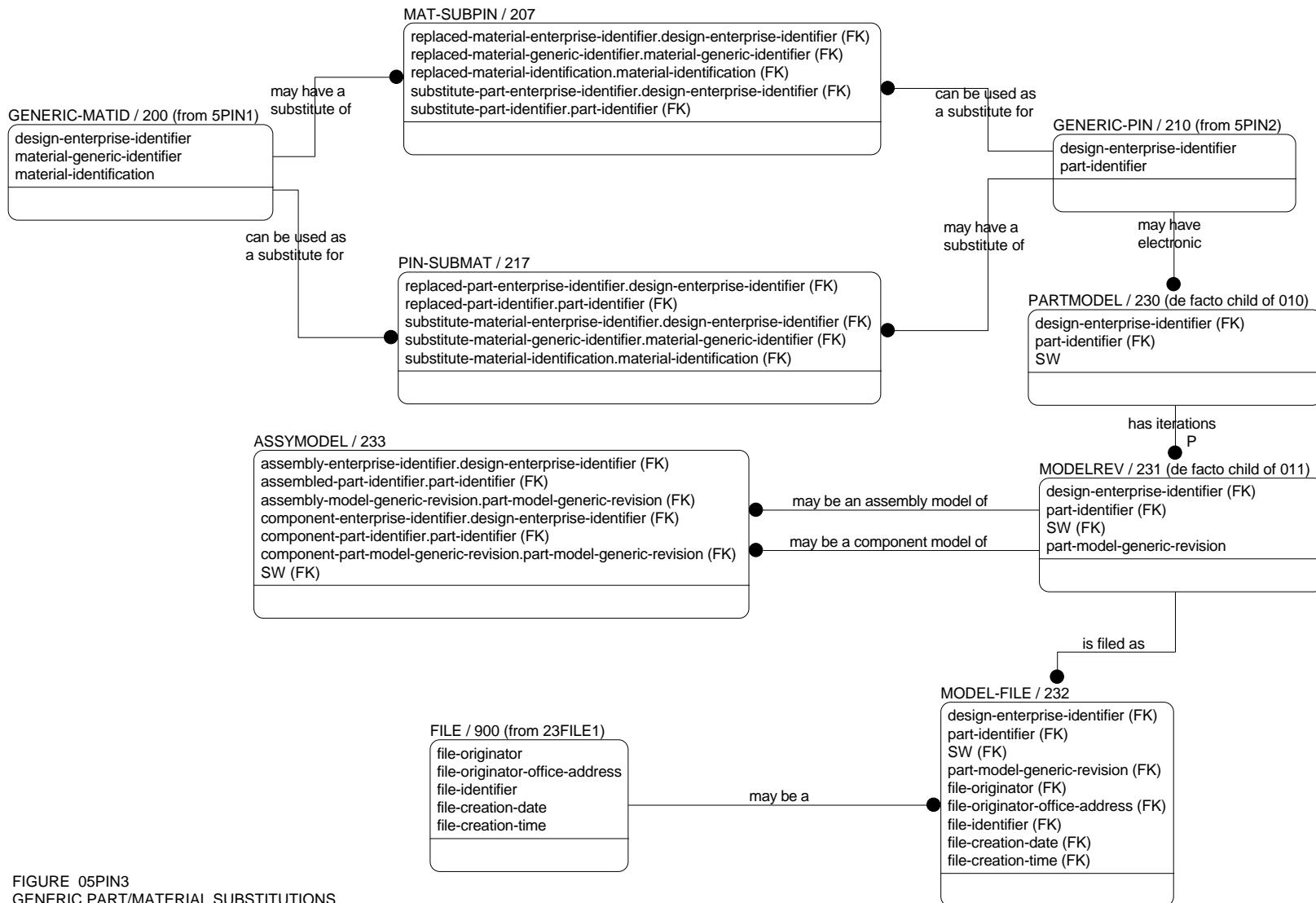
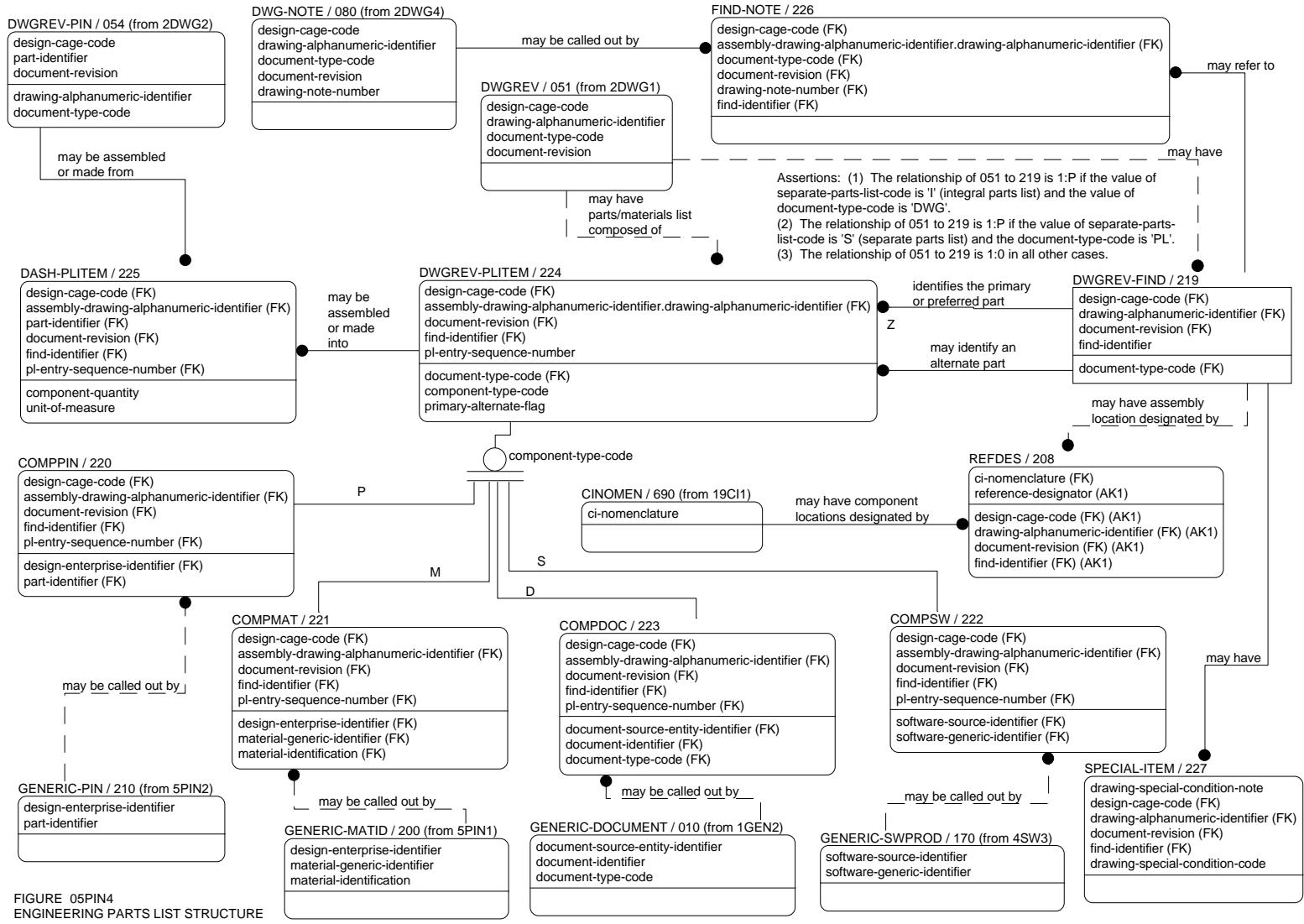


FIGURE 05PIN3
GENERIC PART/MATERIAL SUBSTITUTIONS



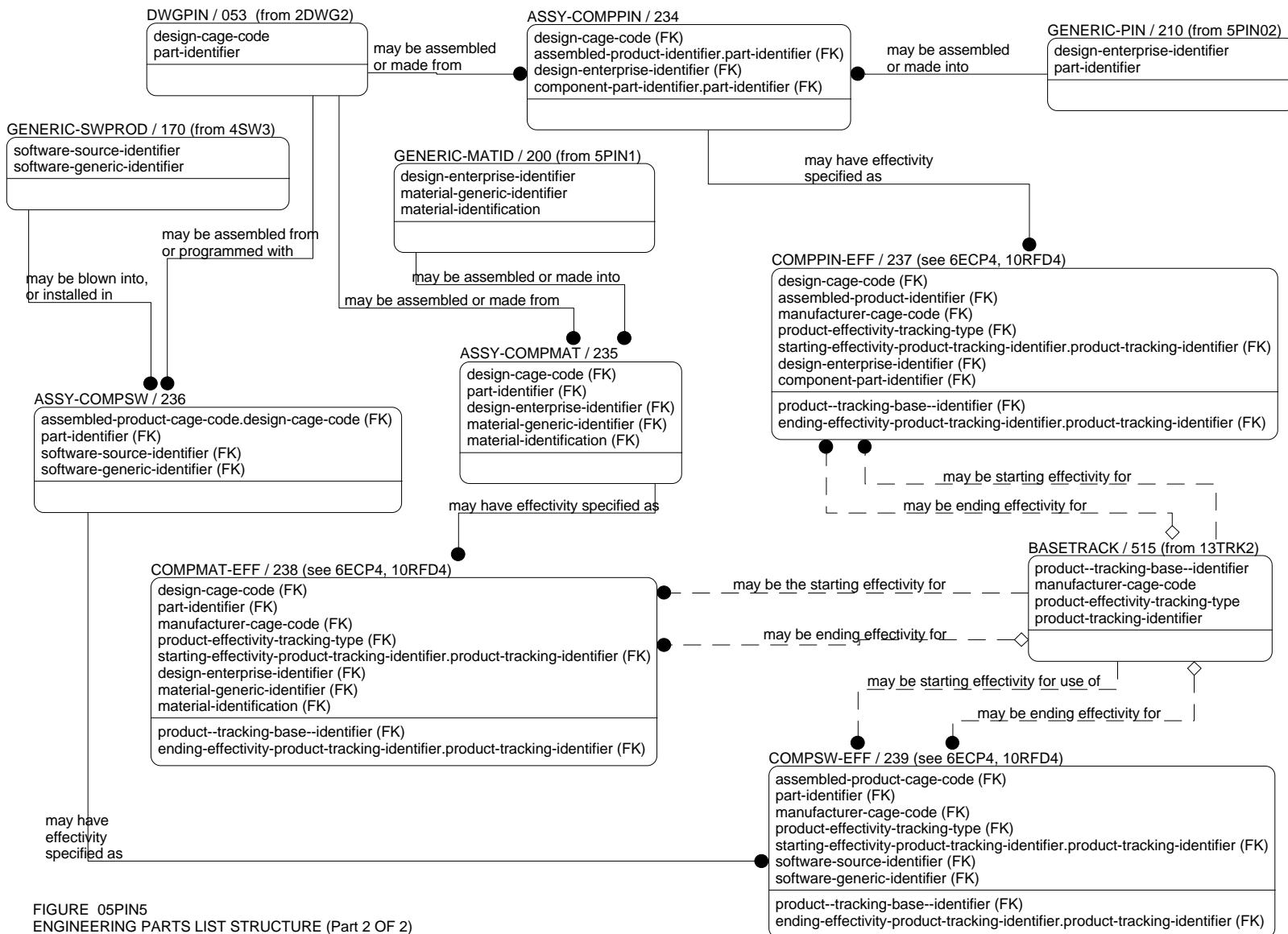


FIGURE 05PIN5
ENGINEERING PARTS LIST STRUCTURE (Part 2 OF 2)

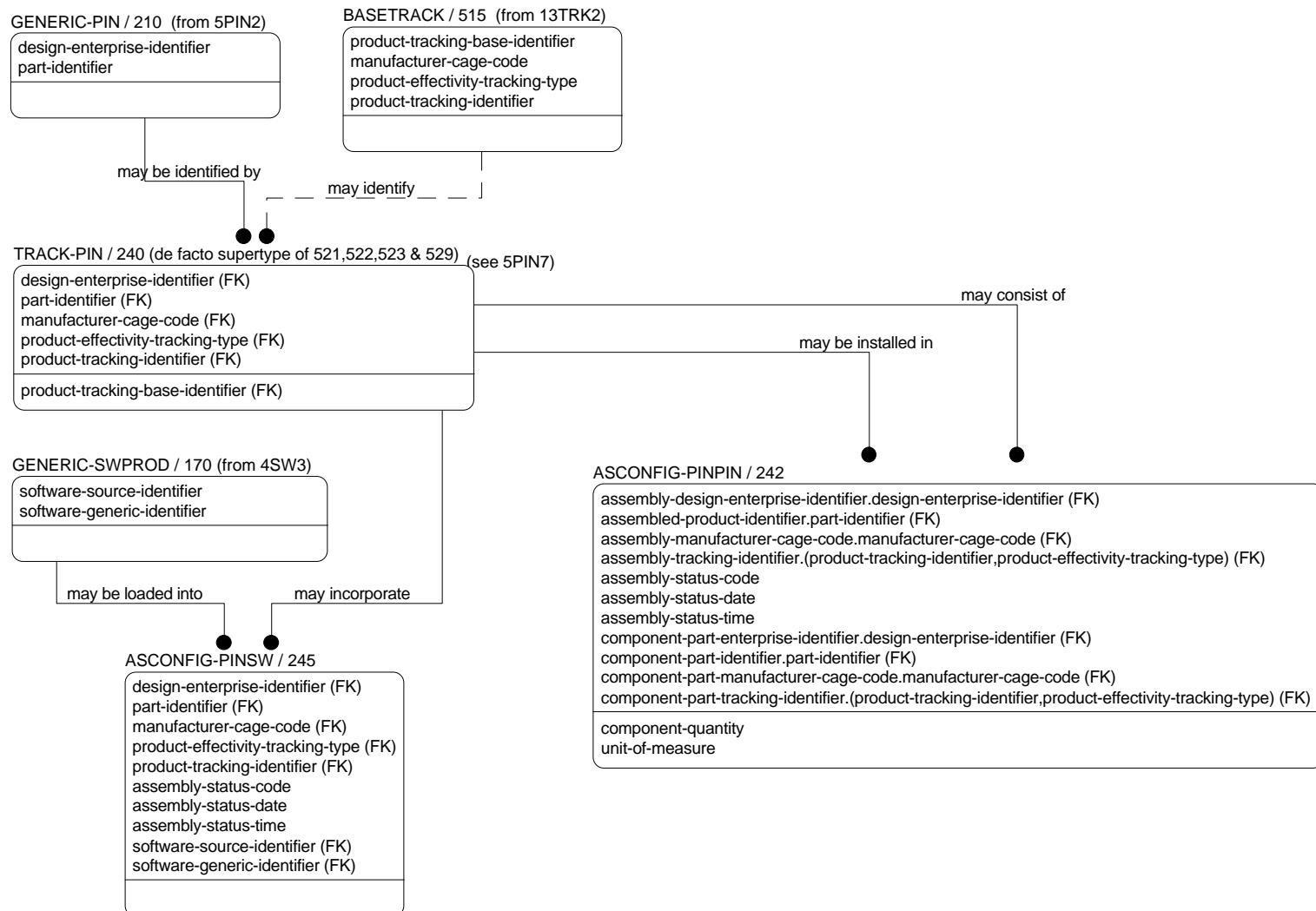


FIGURE 05PIN6
AS-BUILT/MODIFIED/RETROFIT/MAINTAINED (Part 1 OF 3)

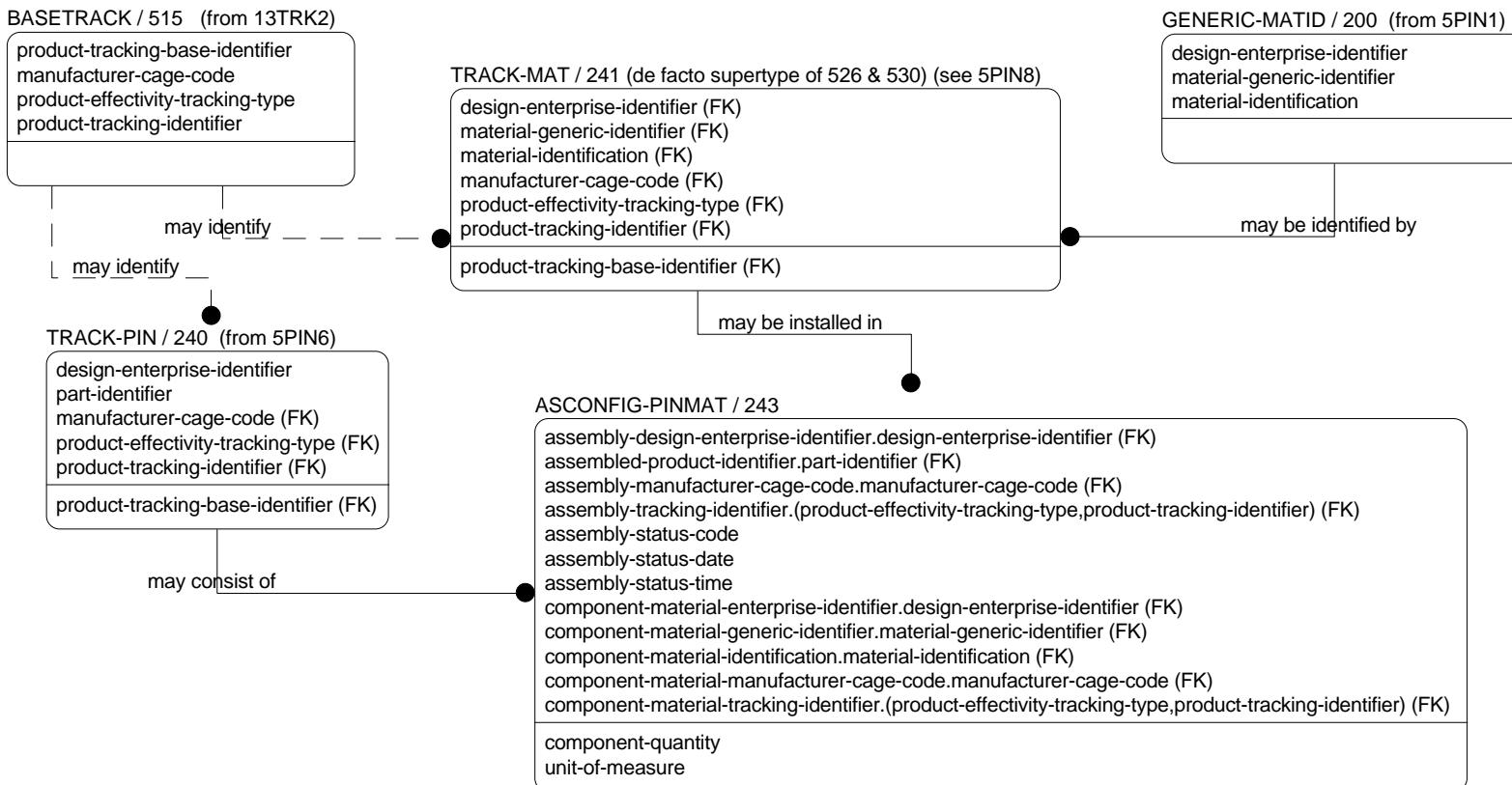


FIGURE 05PIN7
AS-BUILT/MODIFIED/RETROFIT/MAINTAINED (Part 2 OF 3)

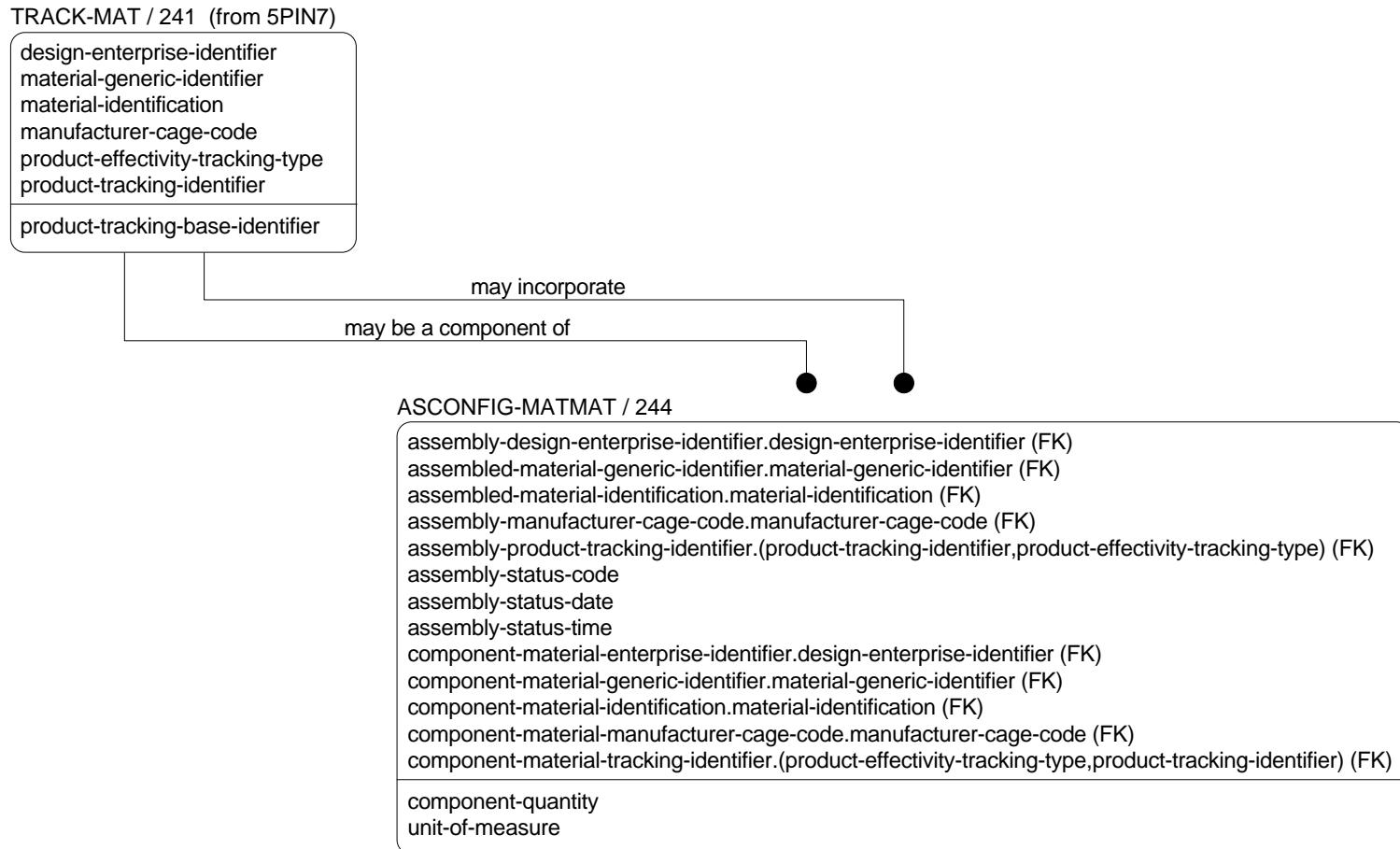


FIGURE 05PIN8
AS-BUILT/MODIFIED/RETROFIT/MAINTAINED (Part 3 OF 3)

MIL-STD-2549
APPENDIX B

B.5.5.2. Table 201, Materials defined by specification or standard (STD-MATID). This table is a subtype of Table GENERIC-MATID/200 containing the subset of generic material identifiers which is limited to those materials and parts which are identified by a numbered specification or standard issued by a standardization organization (such as ISO, NATO, DOD, etc.).

- a. Due to parallel categorization, this table is a de facto child of Table ORGANIZATION/004; therefore, the value of design-enterprise-acronym-identification-code (DESORG421) must exist as an organization-identifier (ORGIDN004) in Table ORGANIZATION/004.
- b. Attribute design-enterprise-identifier (DESENT200) inherited from Table 200 and design-enterprise-acronym-identification-code (DESORG421) inherited from Table 421 must both have the same value. Therefore they merge and assume the identity design-enterprise-acronym-identification-code (DESORG421).
- c. Attribute material-product-generic-identifier (MATGID200) inherited from Table 200 and material-document-identifier (MATDOC421) inherited from Table 421 must both have the same value. Therefore they merge and assume the identity material-document-identifier (MATDOC421).

Code	Data Element Title	DED	Key
DESORG421	design-enterprise-acronym-identification-code	0002	FK
MATDOC421	material-document-identifier	0192	FK
MATIDN200	material-product-identifier	0038	FK

B.5.5.3. Tables 202 through 204. Reserved.

B.5.5.4. Table 205, Specification-defined material identification (CAGE-MATID). This table is a subtype of Table GENERIC-MATID/200 containing the subset of generic material identifiers which is limited to those materials and parts identified by a program-unique specification or standardization document which is identified by a CAGE code and a number. Due to parallel categorization, this table is a de facto child of Table CAGE/003.

- a. Because this table is a de facto child of Table 003, the value of design-enterprise-identifier (DESENT200) inherited from Table 200 must exist as a enterprise-defense-logistics--assigned-identification-code (CAGNUM003) in Table 003. DESENT200 assumes the role design-enterprise-defense-logistics--assigned-identification-code (DESCAG205).

Code	Data Element Title	DED	Key
DESCAG205	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
MATGID200	material-product-generic-identifier	0092	FK
MATIDN200	material-product-identifier	0038	FK

B.5.5.5. Table 206, Substitute materials (for materials) (MAT-SUBMAT). This table identifies materials and parts which are not identified by a part number and which have been identified by competent authority as suitable substitute parts/materials or permanent replacement parts/materials for parts/materials which have either been permanently discontinued (and therefore, superseded) or which are temporarily out-of-stock.

MIL-STD-2549
APPENDIX B

- a. Attribute design-enterprise-identifier (DESENT200) inherited from Table 200 assumes the role replaced-material-product-design-enterprise-identifier (RMENID206).
- b. Attribute material-product-generic-identifier (MATGID200) inherited from Table 200 assumes the role replaced-material-product-generic-identifier (RMGNID206).
- c. Attribute material-product-identifier (MATIDN200) inherited from Table 200 assumes the role replaced-material-product-identifier (RMMTID206).
- d. Attribute design-enterprise-identifier (DESENT200) inherited from Table 200 assumes the role substitute-material-product-design-enterprise-identifier (SMENID206).
- e. Attribute material-product-generic-identifier (MATGID200) inherited from Table 200 assumes the role substitute-material-product-generic-identifier (SMGNID206).
- f. Attribute material-product-identifier (MATIDN200) inherited from Table 200 assumes the role substitute-material-product-identifier (SMMTID206).

Code	Data Element Title	DED	Key
RMENID206	replaced-material-product-design-enterprise-identifier	0052	FK
RMGNID206	replaced-material-product-generic-identifier	0092	FK
RMMTID206	replaced-material-product-identifier	0038	FK
SMENID206	substitute-material-product-design-enterprise-identifier	0052	FK
SMGNID206	substitute-material-product-generic-identifier	0092	FK
SMMTID206	substitute-material-product-identifier	0038	FK
ONEWAY206	product-interchangeability-code	0063	M
REPTYP206	product-replacement-type-code	0106	M

B.5.5.6. Table 207, Substitute materials defined by part number (for materials not defined by part number) (MAT-SUBPIN). This table identifies part numbers which have been identified by competent authority as suitable substitute part numbers, or permanent replacement part numbers for parts/materials (not identified by part number) which have either been permanently discontinued (and therefore, superseded) or which are temporarily out-of-stock.

- a. Attribute design-enterprise-identifier (DESENT200) inherited from Table 200 assumes the role replaced-material-product-design-enterprise-identifier (RMENID207).
- b. Attribute material-product-generic-identifier (MATGID200) inherited from Table 200 assumes the role replaced-material-product-generic-identifier (RMGNID207).
- c. Attribute material-product-identifier (MATIDN200) inherited from Table 200 assumes the role replaced-material-product-identifier (RMMTID207).
- d. Attribute part-product-identifier (PARNUM210) inherited from Table 210 assumes the role substitute-part-product-identifier (SPARNO207).

MIL-STD-2549
APPENDIX B

- e. Attribute design-enterprise-identifier (DESENT210) inherited from Table 210 assumes the role substitute-part-product-design-enterprise-identifier (SPENID207).

Code	Data Element Title	DED	Key
RMENID207	replaced-material-product-design-enterprise-identifier	0052	FK
RMGNID207	replaced-material-product-generic-identifier	0092	FK
RMMTID207	replaced-material-product-identifier	0038	FK
SPARNO207	substitute-part-product-identifier	0024	FK
SPENID207	substitute-part-product-design-enterprise-identifier	0052	FK
ONEWAY207	product-interchangeability-code	0063	M
REPTYP207	product-replacement-type-code	0106	M

B.5.5.7. Table 208, Correlation of reference designators to assembly find numbers (REFDES). This table correlates the reference designator for a specific CI with the parts-list call-out for the component denoted by the reference designator.

Code	Data Element Title	DED	Key
REFDES208	place-reference-designator-identifier	0055	K, AK1
CINOMN690	configuration-item-product-nomenclature-text	0047	FK
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK, AK1
DOCNUM020	document-alphanumeric-identifier	0003	FK, AK1
DOCREV051	document-alphanumeric-revision-identifier	0009	FK, AK1
FINDID219	parts-list-document-item-identifier	0027	FK, AK1

B.5.5.8. Table 209, Part name (PART-NAME). This table contains the valid part names used by cataloging.

Code	Data Element Title	DED	Key
PARNAM209	part-product-name	0113	K

B.5.5.9. Table 210, Generic identification of parts (GENERIC-PIN). This table is the generic super-type of part numbers. It specifically excludes materials/parts which are identified by parameter instead of by part number. It has three subcategories: STDPIN / 211, CAGEPIN/212, and COMPIN/920.

- a. For each value of product--tracking-base--identifier (BASNUM500) in this table, there must be one (and only one) instance in this table where the value of BASNUM500 is the same as the value of the concatenation of design-enterprise-identifier (DESENT210) and part-product-identifier (PARNUM210).
- b. Attribute enterprise-identifier (ENTIDN002) inherited from Table 002 assumes the role design-enterprise-identifier (DESENT210).

MIL-STD-2549
APPENDIX B

Code	Data Element Title	DED	Key
PARNUM210	part-product-identifier	0024	K
DESENT210	design-enterprise-identifier	0052	FK
BASNUM500	product-tracking-base--identifier	0056	FK, O
NSNNUM345	product-national-stock-identifier	0049	FK, O
PARNAM209	part-product-name	0113	FK, O
HAZMAT210	materiel-item-supply-hazardous-material-code	0078	M
METALS210	materiel-item-supply-precious-metals-indicator-code	0093	M
PARWGT210	part-product-unit-weight	0114	
RELDAT210	part-product-release-date	0082	
SHLFCD210	supply-item-control-shelf-life-code	0094	
SRVCCD210	product-service-life-period-unit-code	0232	
SRVCQY210	product-service-life-period-quantity	0086	
STATIC210	materiel-item-supply-electrostatic-discharge-electromagnetic-interference-code	0074	M
WGTCOD210	part-product-bulk-measurement-unit-code	0054	

B.5.5.10. Table 211, Part numbers defined by standardization organizations (STDPIN). This table is a subtype of Table GENERIC-PIN/210 containing the subset of generic part numbers which are those part numbers identified by a numbered standardization document (instead of by a drawing) that is issued by a standards-issuing organization identified by an acronym; this includes U.S., foreign, and international military, industry and professional organizations.

- a. Due to parallel categorization, this table is a de facto child of Table ORGANIZATION/004; therefore the value of design-enterprise-acronym-identification-code (DESORG420) must exist as an organization-identifier (ORGIDN004) in Table 004.
- b. Attribute design-enterprise-identifier (DESENT210) inherited from Table 210 and design-enterprise-acronym-identification-code (DESORG420) inherited from Table 420 must both have the same value. Therefore they merge and assume the identity design-enterprise-acronym-identification-code (DESORG420).

Code	Data Element Title	DED	Key
DESORG420	design-enterprise-acronym-identification-code	0002	FK
PARNUM210	part-product-identifier	0024	FK
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCTYP010	document-type-code	0004	FK

B.5.5.11. Table 212, Part numbers defined in conjunction with a CAGE code (CAGEPIN). This table is a subset of Table GENERIC-PIN/210 containing those part numbers which are identified by a CAGE (or NSCM) code and part number. This table has three subtypes: DWGPIN/053 (shown in Figure 2DWG2), PSPECPIN/104 (shown in Figure 3SPEC1), and CAGESTDDOC-PIN/436 (shown in Figure 11STDS4).

MIL-STD-2549
APPENDIX B

- a. Due to parallel categorization, this table is a de facto child of Table CAGE/003.
- b. Because this table is a de facto child of Table 003, the value of design-enterprise-identifier (DESENT210) inherited from Table 210 must exist as a enterprise-defense-logistics--assigned-identification-code (CAGNUM003) in Table 003. DESENT210 assumes the role design-enterprise-defense-logistics--assigned-identification-code (DESCAG212).

Code	Data Element Title	DED	Key
DESCAG212	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
PARNUM210	part-product-identifier	0024	FK
DOCTYP212	document-type-code	0004	M

B.5.5.12. Tables 213 through 215. Reserved.

B.5.5.13. Table 216, Substitute part numbers (for part numbers) (PIN-SUBPIN). This table identifies part numbers which have been identified by competent authority as suitable substitute part numbers, or permanent replacement part numbers for part numbers which have either been permanently discontinued (and, therefore, superseded) or which are temporarily out-of-stock.

- a. Attribute design-enterprise-identifier (DESENT210) inherited from Table 210 assumes the role replaced-part-product-design-enterprise-identifier (RENTID216).
- b. Attribute part-product-identifier (PARNUM210) inherited from Table 210 assumes the role replaced-part-product-identifier (RPARNO216).
- c. Attribute design-enterprise-identifier (DESENT210) inherited from Table 210 assumes the role substitute-part-product-design-enterprise-identifier (SENTID216).
- d. Attribute part-product-identifier (PARNUM210) inherited from Table 210 assumes the role substitute-part-product-identifier (SPARNO216).

Code	Data Element Title	DED	Key
RENTID216	replaced-part-product-design-enterprise-identifier	0052	FK
RPARNO216	replaced-part-product-identifier	0024	FK
SENTID216	substitute-part-product-design-enterprise-identifier	0052	FK
SPARNO216	substitute-part-product-identifier	0024	FK
ONEWAY216	product-interchangeability-code	0063	M
REPTYP216	product-replacement-type-code	0106	M

B.5.5.14. Table 217, Substitute material (for material identified by a part number) (PIN-SUBMAT). This table identifies parts/material (not identified by part number) which have been identified by competent authority as suitable substitute parts/materials, or permanent replacement parts/materials for part numbers which have either been permanently discontinued (and, therefore, superseded) or which are temporarily out-of-stock.

MIL-STD-2549
APPENDIX B

- a. Attribute design-enterprise-identifier (DESENT210) inherited from Table 210 assumes the role replaced-part-product-design-enterprise-identifier (RENTID217).
- b. Attribute part-product-identifier (PARNUM210) inherited from Table 210 assumes the role replaced-part-product-identifier (RPARNO217).
- c. Attribute design-enterprise-identifier (DESENT200) inherited from Table 200 assumes the role substitute-material-product-design-enterprise-identifier (SENTID217).
- d. Attribute material-product-generic-identifier (MATGID200) inherited from Table 200 assumes the role substitute-material-product-generic-identifier (SMGNID217).
- e. Attribute material-product-identifier (MATIDN200) inherited from Table 200 assumes the role substitute-material-product-identifier (SMMTID217).

Code	Data Element Title	DED	Key
RENTID217	replaced-part-product-design-enterprise-identifier	0052	FK
RPARNO217	replaced-part-product-identifier	0024	FK
SENTID217	substitute-material-product-design-enterprise-identifier	0052	FK
SMGNID217	substitute-material-product-generic-identifier	0092	FK
SMMTID217	substitute-material-product-identifier	0038	FK
ONEWAY217	product-interchangeability-code	0063	M
REPTYP217	product-replacement-type-code	0106	M

B.5.5.15. Table 218. Reserved.

B.5.5.16. Table 219, Parts list finds by drawing revision (DWGREV-FIND). This table is the correlation of drawing finds (parts list items) to the drawing revision(s) on which they appear. Find numbers are applicable only to assembly drawings with integral parts lists or to parts list drawings. The approach taken in this system assumes consistent parts lists⁵ are used on tabulated assembly drawings; the system does not support inconsistent parts lists.⁶ This information is correlated with the drawing revision on which it appears and the product effectivity expressed in terms of product serial/lot number(s).

Code	Data Element Title	DED	Key
FINDID219	parts-list-document-item-identifier	0027	K
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DOCNUM020	document-alphanumeric-identifier	0003	FK

⁵ Consistent parts lists are tabulated parts lists in which a find number is associated with the same part/material identifier(s) for all dash numbers in the tabulated parts list.

⁶ Inconsistent parts lists are tabulated parts lists in which the find number may be associated with a different part/material identifier for each dash number in the tabulated parts list.

MIL-STD-2549
APPENDIX B

DOCREV051	document-alphanumeric-revision-identifier	0009	FK
DOCTYP010	document-type-code	0004	FK

B.5.5.17. Table 220, Parts List entries consisting of component part numbers (COMPPIN). This table is a subtype of the drawing-revision to parts list item correlation table (DWGREV-PLITEM/224) and includes only those parts list entries which contain a component part number.

- a. The combination of the values of enterprise-identifier (ENTIDN002) and part-product-identifier (PARNUM210) inherited from Table 210 cannot be the same as the combination of the values of design-enterprise-defense-logistics--assigned-identification-code (DESCAG050) and part-product-identifier (PARNUM210) in any instance of Table 225 with which it is associated. (This enforces the rule that a part cannot be made from itself.)

Code	Data Element Title	DED	Key
ASSYNO224	assembly-engineering-drawing-document-alphanumeric-identifier	0003	FK
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DOCREV051	document-alphanumeric-revision-identifier	0009	FK
FINDID219	parts-list-document-item-identifier	0027	FK
PLSEQN224	document-parts-list-entry-sequence-identifier	0259	FK
DESENT210	design-enterprise-identifier	0052	FK
PARNUM210	part-product-identifier	0024	FK

B.5.5.18. Table 221, Parts List entries consisting of component materials (COMPMAT). This table is a subtype of the drawing-revision to parts list item correlation table (DWGREV-PLITEM/224) and includes only those parts list entries which contain a component material not identified by a part number.

Code	Data Element Title	DED	Key
ASSYNO224	assembly-engineering-drawing-document-alphanumeric-identifier	0003	FK
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DOCREV051	document-alphanumeric-revision-identifier	0009	FK
FINDID219	parts-list-document-item-identifier	0027	FK
PLSEQN224	document-parts-list-entry-sequence-identifier	0259	FK
DESENT200	design-enterprise-identifier	0052	FK
MATGID200	material-product-generic-identifier	0092	FK
MATIDN200	material-product-identifier	0038	FK

MIL-STD-2549
APPENDIX B

B.5.5.19. Table 222, Parts List entries consisting of component software (COMPSW). This table is a subtype of the drawing-revision to parts list item correlation table (DWGREV-PLITEM/224) and includes only those parts list entries which contain a component software identifier (which is not a part number).

Code	Data Element Title	DED	Key
ASSYNO224	assembly-engineering-drawing-document-alphanumeric-identifier	0003	FK
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DOCREV051	document-alphanumeric-revision-identifier	0009	FK
FINDID219	parts-list-document-item-identifier	0027	FK
PLSEQN224	document-parts-list-entry-sequence-identifier	0259	FK
SWIDEN170	software-product-generic-identifier	0060	FK
SWSORC170	software-product-source-entity-identifier	0033	FK

B.5.5.20. Table 223, Parts List entries consisting of component miscellaneous reference documents (COMPDOC). This table is a subtype of the drawing-revision to parts list item correlation table (DWGREV-PLITEM/224) and includes only those parts list entries which contain a component reference document identifier.

Code	Data Element Title	DED	Key
ASSYNO224	assembly-engineering-drawing-document-alphanumeric-identifier	0003	FK
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DOCREV051	document-alphanumeric-revision-identifier	0009	FK
DOCIDN010	document-identifier	0122	FK
DOCTYP010	document-type-code	0004	FK
SRCIDN010	document-source-entity-identifier	0033	FK

B.5.5.21. Table 224, Parts list line items (DWGREV-PLITEM). This table is an abstract table which represents a single parts list line entry. This information is correlated with the drawing revision on which it appears.

- a. Attribute engineering-drawing-document-alphanumeric-identifier (DWGNUM050) inherited from Table 051 and document-alphanumeric-identifier (DOCNUM020) inherited from Table 219 must have the same value and merge to assume the role assembly-engineering-drawing-document-alphanumeric-identifier (ASSYNO224).

Code	Data Element Title	DED	Key
PLSEQN224	document-parts-list-entry-sequence-identifier	0259	K
ASSYNO224	assembly-engineering-drawing-document-alphanumeric-identifier	0003	FK
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DOCREV051	document-alphanumeric-revision-identifier	0009	FK

MIL-STD-2549
APPENDIX B

FINDID219	parts-list-document-item-identifier	0027	FK
DOCTYP010	document-type-code	0004	FK
ALTFLG224	document-parts-list-entry-priority-indicator-code	0258	M
COMPTY224	document-parts-list-entry-component-type-code	0241	M

B.5.5.22. Table 225, Correlation of part numbers (dash numbers) to parts list line item entries. (DASH-PLITEM). This table correlates an assembly part number to a parts list line item entry.

- a. All combinations of design-enterprise-logistics--assigned-identification-code (DESCAG225) and part-product-identifier (PARNUM210) identifying the assembly in this table and their associated combination of design-enterprise-identifier (DESENT210) and part-product-identifier (PARNUM210) identifying the component in Table COMPPIN/220 must form a series of directed acyclic graphs. (This enforces the rule that a part cannot be a component of itself at any level.)
- b. Fields DESCAG054 inherited from Table 054 and DESCAG050 inherited from Table 224 must be the same; therefore, they assume the identity design-enterprise-defense-logistics--assigned-identification-code (DESCAG225).

Code	Data Element Title	DED	Key
ASSYNO224	assembly-engineering-drawing-document-alphanumeric-identifier	0003	FK
DESCAG225	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DOCREV051	document-alphanumeric-revision-identifier	0009	FK
FINDID219	parts-list-document-item-identifier	0027	FK
PARNUM210	part-product-identifier	0024	FK
PLSEQN224	document-parts-list-entry-sequence-identifier	0259	FK
QUANTY225	assembly-part-component-quantity	0053	M
UOMCOD225	product-measurement-unit-code	0054	M

B.5.5.23. Table 226, Correlation of parts find numbers with drawing note numbers (FIND-NOTE). This table correlates parts list find number with the engineering drawing note number(s) to which they are related.

- a. Attribute engineering-drawing-document-alphanumeric-identifier (DWGNUM050) inherited from Table 080 and assembly-engineering-drawing-document-alphanumeric-identifier (ASSYNO224) inherited from Table 224 must both have the same value. Therefore they merge and assume the identity assembly-engineering-drawing-document-alphanumeric-identifier (ASSYNO224).

Code	Data Element Title	DED	Key
ASSYNO224	assembly-engineering-drawing-document-alphanumeric-identifier	0003	FK
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DOCREV051	document-alphanumeric-revision-identifier	0009	FK
DOCTYP010	document-type-code	0004	FK

MIL-STD-2549
APPENDIX B

FINDID219	parts-list-document-item-identifier	0027	FK
NOTNUM080	engineering-drawing-document-note-identifier	0251	FK

B.5.5.24. Table 227, Special Conditions, Materials and Processes on a parts list (SPECIAL-ITEM). This table identifies the special conditions, materials and processes which are associated with a particular parts list find on a particular engineering drawing.

Code	Data Element Title	DED	Key
SPNOTE227	engineering-drawing-document-special-condition-code	0257	K
ASSYNO224	assembly-engineering-drawing-document-alphanumeric-identifier	0003	FK
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DOCREV051	document-alphanumeric-revision-identifier	0009	FK
PLSEQN224	document-parts-list-entry-sequence-identifier	0259	FK

B.5.5.25. Tables 228 and 229. Reserved.

B.5.5.26. Table 230, Part model databases (PARTMODEL). A part may be designed using application software which creates a model instead of a drawing. This table is the identification of such a model. This table is a de facto child of GENERIC-DOC/010.

- a. Because this table is a de facto child of Table 010, design-enterprise-identifier (DESENT210) inherited from Table 210 is really a document-source-entity-identifier (SRCIDN010) existing in Table 010.
- b. Because this table is a de facto child of Table 010, part-product-identifier (PARNUM210) inherited from Table 210 is really a document-identifier (DOCIDN010) existing in Table 010.
- c. Attribute document-type-code (DOCTYP010) inherited from Table 010 assumes the role software-document-type-code (SWTYPE230).

Code	Data Element Title	DED	Key
DESENT210	design-enterprise-identifier	0052	FK
PARNUM210	part-product-identifier	0024	FK
SWTYPE230	software-document-type-code	0004	FK

B.5.5.27. Table 231, Part model database revisions (MODELREV). This table contains the revision history of part model databases. It is a de facto child of Table GENERIC-DOCREV/011.

- a. Because this table is a de facto child of Table 011, design-enterprise-identifier (DESENT210) inherited from Table 230 is really a document-source-entity-identifier (SRCIDN010) existing in Table 011.

MIL-STD-2549
APPENDIX B

- b. Because this table is a de facto child of Table 011, part-product-identifier (PARNUM210) inherited from Table 230 is really a document-identifier (DOCIDN010) existing in Table 011.
- c. Attribute document-generic-revision-identifier (DOCREV011) inherited from Table 011 assumes the role part-model-database-document-generic-revision-identifier (PMODRV231).
- d. Because this table is a de facto child of Table 011, software-document-type-code (SWTYPE230) inherited from Table 230 is really a document-type-code (DOCTYP010) existing in Table 011.

Code	Data Element Title	DED	Key
DESENT210	design-enterprise-identifier	0052	FK
PARNUM210	part-product-identifier	0024	FK
PMODRV231	part-model-database-document-generic-revision-identifier	0243	FK
SWTYPE230	software-document-type-code	0004	FK

B.5.5.28. Table 232, Correlation of part models to files (MODEL-FILE). This table correlates part model revisions to the file(s) in which they are stored.

Code	Data Element Title	DED	Key
DESENT210	design-enterprise-identifier	0052	FK
FILADD900	enterprise-file-origination-office-address-text	0081	FK
FILDAT900	electronic-document-file-creation-date	0082	FK
FILIDN900	electronic-document-file-identifier	0206	FK
FILORG900	file-originator-human-name	0069	FK
FILTIM900	electronic-document-file-creation-time	0160	FK
PARNUM210	part-product-identifier	0024	FK
PMODRV231	part-model-database-document-generic-revision-identifier	0243	FK
SWTYPE230	software-document-type-code	0004	FK

B.5.5.29. Table 233, Assembly model databases (ASSYMODEL). This table correlates assembly model databases to the component part model databases which support them.

- a. Attribute design-enterprise-identifier (DESENT210) inherited from Table 231 assumes the role assembly-design-enterprise-identifier (ASYENT233).
- b. Attribute part-product-identifier (PARNUM210) inherited from Table 231 assumes the role assembled-part-product-identifier (ASYIDN233).
- c. Attribute part-model-database-document-generic-revision-identifier (PMODRV231) inherited from Table 231 assumes the role assembly-model-database-document-generic-revision-identifier (ASYREV233).
- d. Attribute design-enterprise-identifier (DESENT210) inherited from Table 231 assumes the role component-part-design-enterprise-identifier (PINENT233).

MIL-STD-2549
APPENDIX B

- e. Attribute part-product-identifier (PARNUM210) inherited from Table 231 assumes the role component-part-product-identifier (PINIDN233).
- f. Attribute part-model-database-document-generic-revision-identifier (PMODRV231) inherited from Table 231 assumes the role component-part-model-database-document-generic-revision-identifier (PINREV233).

Code	Data Element Title	DED	Key
ASYENT233	assembly-design-enterprise-identifier	0052	FK
ASYIDN233	assembled-part-product-identifier	0024	FK
ASYREV233	assembly-model-database-document-generic-revision-identifier	0243	FK
PINENT233	component-part-design-enterprise-identifier	0052	FK
PINIDN233	component-part-product-identifier	0024	FK
PINREV233	component-part-model-database-document-generic-revision-identifier	0243	FK
SWTYPE230	software-document-type-code	0004	FK

B.5.5.30. Table 234, Correlation of assembly part to component part for Bill of Materials (ASSY-COMPIN).
This table correlates assembly part numbers to component part numbers as part of the bill of materials (BOM).

- a. As a validity check for all entries in this table, for each combination of values of design-enterprise-defense-logistics--assigned-identification-code (DESCAG053) and assembled-part-product-identifier (APARNO234), the associated combination of values of design-enterprise-identifier (DESENT210) and component-part-product-identifier (CPARNO234) (inherited from Table 210 as ENTIDN002 and PARNUM210, respectively) must be able to be reached through the path Table 053 -> Table 054 -> Table 225 -> Table 224 -> Table 220 -> Table 210. This ensures that the BOM does not contain any assembly-component pairs which do not exist in the engineering design.
- b. Attribute part-product-identifier (PARNUM210) inherited from Table 053 assumes the role assembled-part-product-identifier (APARNO234).
- c. Attribute part-product-identifier (PARNUM210) inherited from Table 210 assumes the role component-part-product-identifier (CPARNO234).

Code	Data Element Title	DED	Key
APARNO234	assembled-part-product-identifier	0024	FK
CPARNO234	component-part-product-identifier	0024	FK
DESCAG053	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DESENT210	design-enterprise-identifier	0052	FK

MIL-STD-2549
APPENDIX B

B.5.5.31. Table 235, Correlation of assembly part to component material for Bill of Materials (ASSY-COMPMAT). This table correlates assembly part numbers to component materials (not identified by part numbers) as part of the bill of materials (BOM).

- a. As a validity check for all entries in this table, for each combination of values of design-enterprise-defense-logistics--assigned-identification-code (DESCAG053) and part-product-identifier (PARNUM210), the associated combination of values of design-enterprise-identifier (DESENT200), material-product-generic-identifier (MATGID200), and material-product-identifier (MATIDN200) (inherited from Table 200) must be able to be reached through the path Table 053 -> Table 054 -> Table 225 -> Table 224 -> Table 221 -> Table 200. This ensures that the BOM does not contain any assembly-component pairs which do not exist in the engineering design.

Code	Data Element Title	DED	Key
DESCAG053	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DESENT200	design-enterprise-identifier	0052	FK
MATGID200	material-product-generic-identifier	0092	FK
MATIDN200	material-product-identifier	0038	FK
PARNUM210	part-product-identifier	0024	FK

B.5.5.32. Table 236, Correlation of assembly part to component software for Bill of Materials (ASSY-COMPSW). This table correlates assembly part numbers to component software as part of the bill of materials (BOM).

- a. As a validity check for all entries in this table, for each combination of values of assembly-design-commercial-government-enterprise-identification-code (ADESCG236) and part-product-identifier (PARNUM210) (inherited from Table 053 as DESCAG022 and PARNUM210, respectively), the associated combination of values of software-product-originator-design-commercial-government-enterprise-identification-code (SWCAGE236) and software-product-identifier (SWIDEN236) (inherited from Table 151 as DESCAG022 and the concatenated string of DOCNUM020, DOCTYP010, and DOCREV011, respectively) must be able to be reached through the path Table 053 -> Table 054 -> Table 225 -> Table 224 -> Table 222 -> Table 170. This ensures that the BOM does not contain any assembly-component pairs which do not exist in the engineering design.
- b. Attribute design-enterprise-defense-logistics--assigned-identification-code (DESCAG053) inherited from Table 053 assumes the role assembled-product-design-enterprise-defense-logistics--assigned-identification-code (ADESCG236).

Code	Data Element Title	DED	Key
ADESCG236	assembled-product-design-enterprise-defense-logistics--assigned-identification-code	0001	FK
PARNUM210	part-product-identifier	0024	FK
SWIDEN170	software-product-generic-identifier	0060	FK
SWSORC170	software-product-source-entity-identifier	0033	FK

MIL-STD-2549
APPENDIX B

B.5.5.33. Table 237, Effectivity of an assembly part number/component part number combination (COMPIN-EFF). This table documents the required starting, and proposed ending, effectivity of an assembly/component part combination.

- a. The value of the product-tracking-base-identifier (BASNUM500) in this table (inherited from Table 515) must be the same as the value of BASNUM500 found in the inheritance path: Table 237 to Table 234 to Table 053 to Table 060 to Table 050 to either Table 510 or 511, as appropriate.
- b. Attribute product-sequential-tracking-identifier (TRKIDN515) inherited from Table 515 assumes the role product-ending-effectivity-sequential-tracking-identifier (ENDEFF237).
- c. Attribute product-sequential-tracking-identifier (TRKIDN515) inherited from Table 515 assumes the role product-starting-effectivity-sequential-tracking-identifier (STREFF237).

Code	Data Element Title	DED	Key
APARNO234	assembled-part-product-identifier	0024	FK
CPARNO234	component-part-product-identifier	0024	FK
DESCAG053	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DESENT210	design-enterprise-identifier	0052	FK
MFRCAG515	manufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK
STREFF237	product-starting-effectivity-sequential-tracking-identifier	0058	FK
TRKTYP515	product-change-effectivity-tracking-type-code	0057	FK
BASNUM500	product-tracking-base-identifier	0056	FK
ENDEFF237	product-ending-effectivity-sequential-tracking-identifier	0058	FK, O

B.5.5.34. Table 238, Effectivity of an assembly part number/component material combination (COMPMAT-EFF). This table documents the required starting, and proposed ending, effectivity of an assembly/component material (not identified by a part number) combination.

- a. The value of the product-tracking-base-identifier (BASNUM500) in this table (inherited from Table 515) must be the same as the value of BASNUM500 found in the inheritance path: Table 238 to Table 235 to Table 053 to Table 050 to Table 60 to either Table 510 or 511, as appropriate.
- b. Attribute product-sequential-tracking-identifier (TRKIDN515) inherited from Table 515 assumes the role product-ending-effectivity-sequential-tracking-identifier (ENDEFF238).
- c. Attribute product-sequential-tracking-identifier (TRKIDN515) inherited from Table 515 assumes the role product-starting-effectivity-sequential-tracking-identifier (STREFF238).

Code	Data Element Title	DED	Key
DESCAG053	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DESENT200	design-enterprise-identifier	0052	FK
MATGID200	material-product-generic-identifier	0092	FK

MIL-STD-2549
APPENDIX B

MATIDN200	material-product-identifier	0038	FK
MFRCAG515	manufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK
PARNUM210	part-product-identifier	0024	FK
STREFF238	product-starting-effectivity-sequential-tracking-identifier	0058	FK
TRKTYP515	product-change-effectivity-tracking-type-code	0057	FK
BASNUM500	product--tracking-base--identifier	0056	FK
ENDEFF238	product-ending-effectivity-sequential-tracking-identifier	0058	FK, O

B.5.5.35. Table 239, Effectivity of an assembly part number/component software combination (COMPSW-EFF). This table documents the required starting, and proposed ending, effectivity of an assembly/component software combination.

- a. The value of the product--tracking-base--identifier (BASNUM500) in this table (inherited from Table 515) must be the same as the value of BASNUM500 found in the inheritance path: Table 239 to Table 236 to Table 053 to Table 050 to Table 060 to either Table 510 or 511, as appropriate.
- b. Attribute product-sequential-tracking-identifier (TRKIDN515) inherited from Table 515 assumes the role product-ending-effectivity-sequential-tracking-identifier (ENDEFF239).
- c. Attribute product-sequential-tracking-identifier (TRKIDN515) inherited from Table 515 assumes the role product-starting-effectivity-sequential-tracking-identifier (STREFF239).

Code	Data Element Title	DED	Key
ADESCG236	assembled-product-design-enterprise-defense-logistics--assigned-identification-code	0001	FK
MFRCAG515	manufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK
PARNUM210	part-product-identifier	0024	FK
STREFF239	product-starting-effectivity-sequential-tracking-identifier	0058	FK
SWIDEN170	software-product-generic-identifier	0060	FK
SWSORC170	software-product-source-entity-identifier	0033	FK
TRKTYP515	product-change-effectivity-tracking-type-code	0057	FK
BASNUM500	product--tracking-base--identifier	0056	FK
ENDEFF239	product-ending-effectivity-sequential-tracking-identifier	0058	FK, O

B.5.5.36. Table 240, Configuration tracked parts (TRACK-PIN). This table contains the identity of an installed component part number, or an assembly item part number, and its tracking identifier. It is the basic building block for the 'As-built'/'As-maintained' configuration record.

- a. The product-effectivity-tracking-type-code must have a value of 'D', 'G', 'L', or 'M'. In effect, this table is a super-type of Tables PIN-MSN/521, PIN-GSN/522, PIN-LOT/523 and PIN-DATECODE/529.

MIL-STD-2549
APPENDIX B

Code	Data Element Title	DED	Key
DESENT210	design-enterprise-identifier	0052	FK
MFRCAG515	manufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK
PARNUM210	part-product-identifier	0024	FK
TRKIDN515	product-sequential-tracking-identifier	0058	FK
TRKTYP515	product-change-effectivity-tracking-type-code	0057	FK
BASNUM500	product--tracking-base--identifier	0056	FK

B.5.5.37. Table 241, Configuration-tracked material (TRACK-MAT). This table contains the identity of an installed component material/part identifier (not identified by a part number), or an assembly item material/part identifier (not identified by a part number), and its tracking identifier. It is the basic building block for the 'As-built'/'As-maintained' configuration record.

- a. The value of the product-effectivity-tracking-type-code must be either 'D' or 'L'. This means that, in effect, this table is a super-type of Tables MAT-LOT/526 and MAT-DATECODE/530.

Code	Data Element Title	DED	Key
DESENT200	design-enterprise-identifier	0052	FK
MATGID200	material-product-generic-identifier	0092	FK
MATIDN200	material-product-identifier	0038	FK
MFRCAG515	manufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK
TRKIDN515	product-sequential-tracking-identifier	0058	FK
TRKTYP515	product-change-effectivity-tracking-type-code	0057	FK
BASNUM500	product--tracking-base--identifier	0056	FK

B.5.5.38. Table 242, As-configured assembly with component part (ASCONFIG-PINPIN). This table correlates an assembly part number and its serial/lot tracking number with a specific component part number and its serial/lot tracking number in the 'As-built'/'As-maintained' configuration.

- a. The combination of component-part-design-enterprise-identifier (CENTID242) and component-part-identifier (CPARNO242) cannot be the same as the combination of assembly-design-enterprise-identifier (AENTID242) and assembly-part-identifier (APARNO242), nor can they be cyclic. (For example, if A is an assembly containing component B, then B can never have a component A at any level.)
- b. If the component-part-product-tracking-identifier (CTRKID242) has a product-effectivity-tracking-type-code has a value of 'G' or 'M', the assembly-part-component-quantity must be 1, the product-measurement-unit-code must have a value of 'EA', and the component key information cannot appear in any other record as an installed component on the most current product-assembly-status-date of any other assembly in the database.
- c. If the component-part-product-tracking-identifier has a product-effectivity-tracking-type-code of 'L' or 'D', the total assembly-part-component-quantity for all most current assemblies with this component installed

MIL-STD-2549
APPENDIX B

must not exceed the quantity in Table PIN-LOT/523 (if the product-effectivity-tracking-type-code has a value of 'L') or in Table PIN-DATECODE/529 (if the product-effectivity-tracking-type-code has a value of 'D').

- d. The first time each combination of assembly-design-enterprise-identifier (AENTID242), assembly-manufacturer-enterprise-defense-logistics--assigned-identification-code (AMFRCG242), assembly-part-product-identifier (APARNO242), assembly-product-tracking-identifier (ATRKID242), component-part-design-enterprise-identifier (CENTID242), component-part-manufacturer-enterprise-defense-logistic--assigned-identification-code (CMFRCG242), component-part-product-identifier (CPARNO242), component-part-product-tracking-identifier (CTRKID242) is entered in this table, the value of product-assembly-status-date (STATDT242) shall default to the value of product-manufacture-date (MFRDAT515) in Table 515 for the instance which is inherited as the combination of assembly-design-enterprise-identifier (AENTID242), assembly-manufacturer-enterprise-defense-logistics--assigned-identification-code (AMFRCG242), assembly-part-product-identifier (APARNO242), and assembly-product-tracking-identifier (ATRKID242).
- e. Attribute design-enterprise-identifier (DESENT210) inherited from Table 240 assumes the role assembly-design-enterprise-identifier (AENTID242).
- f. Attribute manufacturer-enterprise-defense-logistics--assigned-identification-code (MFRCAG515) inherited from Table 240 assumes the role assembly-manufacturer-enterprise-defense-logistics--assigned-identification-code (AMFRCG242).
- g. Attribute part-product-identifier (PARNUM210) inherited from Table 240 assumes the role assembled-part-product-identifier (APARNO242).
- h. The attributes product-sequential-tracking-identifier (TRKIDN515) and product-change-effectivity-tracking-type-code (TRKTYP515) inherited from Table 240 are concatenated and assume the role assembly-product-tracking-identifier (ATRKID242). (See Appendix C for concatenation order.)
- i. Attribute design-enterprise-identifier (DESENT210) inherited from Table 240 assumes the role component-part-design-enterprise-identifier (CENTID242).
- j. Attribute manufacturer-enterprise-defense-logistics--assigned-identification-code (MFRCAG515) inherited from Table 240 assumes the role component-part-manufacturer-enterprise-defense-logistics--assigned-identification-code (CMFRCG242).
- k. Attribute part-product-identifier (PARNUM210) inherited from Table 240 assumes the role component-part-product-identifier (CPARNO242).
- l. The attributes product-sequential-tracking-identifier (TRKIDN515) and product-change-effectivity-tracking-type-code (TRKTYP515) inherited from Table 240 are concatenated and assume the role component-part-product-tracking-identifier (CTRKID242). (See Appendix C for concatenation order.)

Code	Data Element Title	DED	Key
STATCD242	product-assembly-status-code	0174	K
STATDT242	product-assembly-status-date	0082	K
STATTM242	product-assembly-status-time	0160	K
AENTID242	assembly-design-enterprise-identifier	0052	FK

MIL-STD-2549
APPENDIX B

AMFRCG242	assembly-manufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK
APARNO242	assembled-part-product-identifier	0024	FK
ATRKID242	assembly-product-tracking-identifier	0175	FK
CENTID242	component-part-design-enterprise-identifier	0052	FK
CMFRCG242	component-part-manufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK
CPARNO242	component-part-product-identifier	0024	FK
CTRKID242	component-part-product-tracking-identifier	0175	FK
QUANTY242	assembly-part-component-quantity	0053	M
UOMCOD242	product-measurement-unit-code	0054	M

B.5.5.39. Table 243, As-configured assembly with component material (ASCONFIG-PINMAT). This table correlates an assembly part number and its serial/lot tracking number with a specific component material/part identifier (not identified by a part number) and its serial/lot tracking number in the 'As-built'/'As-maintained' configuration.

- a. The total quantity for all most current assemblies with this component part installed must not exceed the quantity in Table MAT-LOT/526 (if the product-effectivity-tracking-type-code = 'D').
- b. The first time each combination of assembly-design-enterprise-identifier (AENTID243), assembly-manufacturer-enterprise-defense-logistics--assigned-identification-code (AMFRCG243), assembly-part-product-identifier (APARNO243), assembly-product-tracking-identifier (ATRKID243), component-material-design-enterprise-identifier (CENTID243), component-material-manufacturer-enterprise-defense-logistics--assigned-identification-code (CMFRCG243), component-material-product-tracking-identifier (CTRKID243), material-product-generic-identifier (MATGID200), and material-product-identifier (MATIDN200) is entered in this table, the value of product-assembly-status-date (STATDT243) shall default to the value of product-manufacture-date (MFRDAT515) in Table 515 for the instance which is inherited as the combination of assembly-enterprise-identifier (AENTID242), assembly-manufacturer-commercial-government-enterprise-identification-code (AMFRCG242), assembly-part-product-identifier (APARNO242), and assembly-product-tracking-identifier (ATRKID242).
- c. Attribute design-enterprise-identifier (DESENT210) inherited from Table 240 assumes the role assembly-design-enterprise-identifier (AENTID243).
- d. Attribute manufacturer-enterprise-defense-logistics--assigned-identification-code (MFRCAG515) inherited from Table 240 assumes the role assembly-manufacturer-enterprise-defense-logistics--assigned-identification-code (AMFRCG243).
- e. Attribute part-product-identifier (PARNUM210) inherited from Table 240 assumes the role assembled-part-product-identifier (APARNO243).
- f. The attributes product-sequential-tracking-identifier (TRKIDN515) and product-change-effectivity-tracking-type-code (TRKTYP515) inherited from Table 240 are concatenated and assume the role assembly-product-tracking-identifier (ATRKID243). (See Appendix C for concatenation order.)
- g. Attribute design-enterprise-identifier (DESENT200) inherited from Table 241 assumes the role component-material-design-enterprise-identifier (CENTID243).

MIL-STD-2549
APPENDIX B

- h. Attribute material-product-generic-identifier (MATGID200) inherited from Table 241 assumes the role component-material-product-generic-identifier (CMATGI243).
- i. Attribute material-product-identifier (MATIDN200) inherited from Table 241 assumes the role component-material-product-identifier (CMATID243).
- j. Attribute manufacturer-enterprise-defense-logistics--assigned-identification-code (MFRCAG515) inherited from Table 241 assumes the role component-material-manufacturer-enterprise-defense-logistics--assigned-identification-code (CMFRCG243).
- k. The attributes product-sequential-tracking-identifier (TRKIDN515) and product-change-effectivity-tracking-type-code (TRKTYP515) inherited from Table 241 are concatenated and assume the role component-material-product-tracking-identifier (CTRKID243). (See Appendix C for concatenation order.)

Code	Data Element Title	DED	Key
STATCD243	product-assembly-status-code	0174	K
STATDT243	product-assembly-status-date	0082	K
STATTM243	product-assembly-status-time	0160	K
AENTID243	assembly-design-enterprise-identifier	0052	FK
AMFRCG243	assembly-manufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK
APARNO243	assembled-part-product-identifier	0024	FK
ATRKID243	assembly-product-tracking-identifier	0175	FK
CENTID243	component-material-design-enterprise-identifier	0052	FK
CMATGI243	component-material-product-generic-identifier	0092	FK
CMATID243	component-material-product-identifier	0038	FK
CMFRCG243	component-material-manufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK
CTRKID243	component-material-product-tracking-identifier	0175	FK
QUANTY243	assembly-part-component-quantity	0053	M
UOMCOD243	product-measurement-unit-code	0054	M

B.5.5.40. Table 244, As-configured material with component material (ASCONFIG-MATMAT). This table correlates an assembly component material/part identifier (not identified by a part number) and its serial/lot tracking number with a specific component material/part identifier (not identified by a part number) and its serial/lot tracking number in the 'As-built'/As-maintained' configuration.

- a. The combination of assembly-design-enterprise-identifier (AENTID244), assembly-material-product-generic-identifier (AMATGI244), and assembly-material-product-identifier (AMATID244) cannot be the same as the combination of component-material-design-enterprise-identifier (CENTID244), component-material-product-generic-identifier (CMATGI244), and component-material-product-identifier (CMATID244), nor can they be cyclic.

MIL-STD-2549
APPENDIX B

- b. The total quantity for all most current assemblies with this component material installed cannot exceed the quantity in Table MAT-LOT/526 (if the product-effectivity-tracking-type-code = 'L'), or in Table MAT-DATECODE/530 (if the product-effectivity-tracking-type-code = 'D').
- c. The first time each combination of assembly-design-enterprise-identifier (AENTID244), assembly-material-product-generic-identifier (AMATGI244), assembly-material-product-identifier (AMATID244), assembly-manufacturer-enterprise-defense-logistics--assigned-identification-code (AMFRCG244), assembly-product-tracking-identifier (ATRKID244), component-material-design-enterprise-identifier (CENTID244), component-material-product-generic-identifier (CMATGI244), component-material-product-identifier (CMATID244), component-material-manufacturer-enterprise-defense-logistics--assigned-identification-code (CMFRCG244), and component-material-product-tracking-identifier (CTRKID244) is entered in this table, the value of product-assembly-status-date (STATDT243) shall default to the value of product-manufacture-date (MFRDAT515) in Table 515 for the instance which is inherited as the combination of assembly-design-enterprise-identifier (AENTID244), assembly-material-product-generic-identifier (AMATGI244), assembly-material-product-identifier (AMATID244), assembly-manufacturer-enterprise-defense-logistics--assigned-identification-code (AMFRCG244), and assembly-product-tracking-identifier (ATRKID244).
- d. Attribute design-enterprise-identifier (DESENT200) inherited from Table 241 assumes the role assembly-design-enterprise-identifier (AENTID244).
- e. Attribute material-product-generic-identifier (MATGID200) inherited from Table 241 assumes the role assembled-material-product-generic-identifier (AMATGI244).
- f. Attribute material-product-identifier (MATIDN200) inherited from Table 241 assumes the role assembled-material-product-identifier (AMATID244).
- g. Attribute manufacturer-enterprise-defense-logistics--assigned-identification-code (MFRCAG515) inherited from Table 241 assumes the role assembly-manufacturer-enterprise-defense-logistics--assigned-identification-code (AMFRCG244).
- h. The attributes product-sequential-tracking-identifier (TRKIDN515) and product-change-effectivity-tracking-type-code (TRKTYP515) inherited from Table 241 are concatenated and assume the role assembly-product-tracking-identifier (ATRKID244). (See Appendix C for concatenation order.)
- i. Attribute design-enterprise-identifier (DESENT200) inherited from Table 241 assumes the role component-material-design-enterprise-identifier (CENTID244).
- j. Attribute material-product-generic-identifier (MATGID200) inherited from Table 241 assumes the role component-material-product-generic-identifier (CMATGI244).
- k. Attribute material-product-identifier (MATIDN200) inherited from Table 241 assumes the role component-material-product-identifier (CMATID244).
- l. Attribute manufacturer-enterprise-defense-logistics--assigned-identification-code (MFRCAG515) inherited from Table 241 assumes the role component-material-manufacturer-enterprise-defense-logistics--assigned-identification-code (CMFRCG244).
- m. The attributes product-sequential-tracking-identifier (TRKIDN515) and product-change-effectivity-tracking-type-code (TRKTYP515) inherited from Table 241 are concatenated and assume the role component-material-product-tracking-identifier (CTRKID244). (See Appendix C for concatenation order.)

Code	Data Element Title	DED	Key
STATCD244	product-assembly-status-code	0174	K
STATDT244	product-assembly-status-date	0082	K

MIL-STD-2549
APPENDIX B

STATTM244	product-assembly-status-time	0160	K
AENTID244	assembly-design-enterprise-identifier	0052	FK
AMATGI244	assembled-material-product-generic-identifier	0092	FK
AMATID244	assembled-material-product-identifier	0038	FK
AMFRCG244	assembly-manufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK
ATRKID244	assembly-product-tracking-identifier	0175	FK
CENTID244	component-material-design-enterprise-identifier	0052	FK
CMATGI244	component-material-product-generic-identifier	0092	FK
CMATID244	component-material-product-identifier	0038	FK
CMFRCG244	component-material-manufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK
CTRKID244	component-material-product-tracking-identifier	0175	FK
QUANTY244	assembly-part-component-quantity	0053	M
UOMCOD244	product-measurement-unit-code	0054	M

B.5.5.41. Table 245, As-configured assembly with installed software (ASCONFIG-PINSW). This table correlates an assembly part number and its serial/lot tracking number with a specific component (defense) software identifier in the 'As-built'/'As-maintained' configuration.

- a. The first time each combination of software-product-source-entity-identifier (SWSORC170), software-product-identifier (SWIDEN170), design-enterprise-identifier (DESENT210), manufacturer-enterprise-defense-logistics--assigned-identification-code (MFRCAG515), part-product-identifier (PARNUM210), product-sequential-tracking-identifier (TRKIDN515), and product-change-effectivity-tracking-type-code (TRKTYP515) is entered in this table, the value of product-assembly-status-date (STATDT242) shall default to the value of product-manufacture-date (MFRDAT515) in Table 515 for the instance which is inherited as the combination of design-enterprise-identifier (DESENT210), manufacturer-enterprise-defense-logistics--assigned-identification-code (MFRCAG515), part-product-identifier (PARNUM210), product-sequential-tracking-identifier (TRKIDN515), and product-change-effectivity-tracking-type-code (TRKTYP515).

Code	Data Element Title	DED	Key
STATCD245	product-assembly-status-code	0174	K
STATDT245	product-assembly-status-date	0082	K
STATTM245	product-assembly-status-time	0160	K
DESENT210	design-enterprise-identifier	0052	FK
MFRCAG515	manufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK
PARNUM210	part-product-identifier	0024	FK
SWIDEN170	software-product-generic-identifier	0060	FK
SWSORC170	software-product-source-entity-identifier	0033	FK
TRKIDN515	product-sequential-tracking-identifier	0058	FK
TRKTYP515	product-change-effectivity-tracking-type-code	0057	FK

B.5.5.42. Tables 246 through 249. Reserved.

MIL-STD-2549
APPENDIX B

B.5.6. Engineering change proposals. Entity tables numbered in the range of 250 through 299 contain the identification of engineering change proposals and their associated attributes. ECPs are primarily a military document used to identify changes which are required to engineering drawings, program-unique or military specifications, and defense software. However, most companies which contract with the U.S. Department of Defense either use this same document internally, or have developed a similar internal methodology (contractor format ECP equivalent documents are typically called Engineering Change Notices [ECNs], Engineering Change Orders [ECOs], etc.). This section only addresses the military requirement; therefore, it only includes ECPs identified by a CAGE (or NSCM) code and a number. It recognizes that ECNs and ECOs are used and that they typically are identified using the same rules; therefore, an interface is provided to use this portion of the database to access company internal ECP-equivalent documents.

The relationships between these various ECP entity tables and between ECPs and the documents changed by them are depicted in Figures 06ECP1 through 06ECP5.

B.5.6.1. Table 250, Engineering change proposal definition (ECP). This table includes the unique and primary identification of an Engineering Change Proposal. An ECP is one subtype of Table CAGE-NUMDOC/022 for the case where the document-type-code in Table 010 has a value of 'ECP'.

- a. Attribute document-source-enterprise-defense-logistics--assigned-identification-code (SRCCAG022) inherited from Table 022 assumes the role engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code (ECPCAG250).
- b. Attribute document-alphanumeric-identifier (DOCNUM020) inherited from Table 022 assumes the role engineering-change-proposal-document-alphanumeric-identifier (ECPNUM250).
- c. Attribute document-type-code (DOCTYP010) inherited from Table 022 assumes the role engineering-change-proposal-document-type-code (ECPTYP250).

Code	Data Element Title	DED	Key
ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK

B.5.6.2. Table 251, Engineering change proposal revisions (ECPREV). This table is a subtype of Table CAGE-NUM-DOCREV/023 and contains the revision history of the ECP during its life cycle. There are two subtypes of this entity, based on the value of engineering-change-proposal-document-change-classification-code (ECP005251): Tables CLASS1ECP/289 and CLASS2ECP (not shown). There are no special attributes attached to a class II ECP; however, there are numerous additional special attributes required for a class I ECP. This table also correlates 'related' ECPs with their primary ECP and identifies when unrelated ECPs must be implemented in a particular sequence. Related ECPs are those ECPs which must be implemented simultaneously.

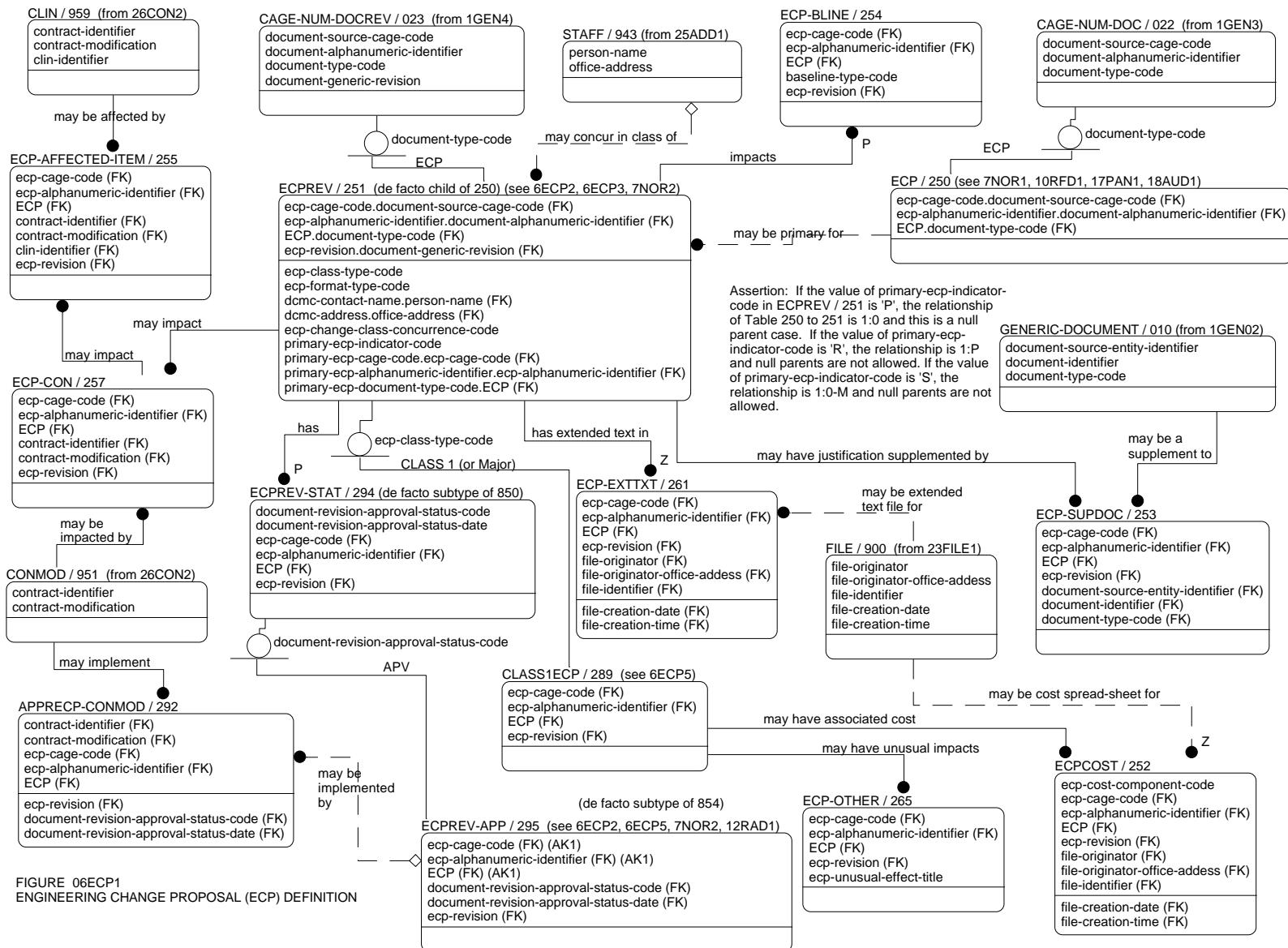


FIGURE 06ECP1
ENGINEERING CHANGE PROPOSAL (ECP) DEFINITION

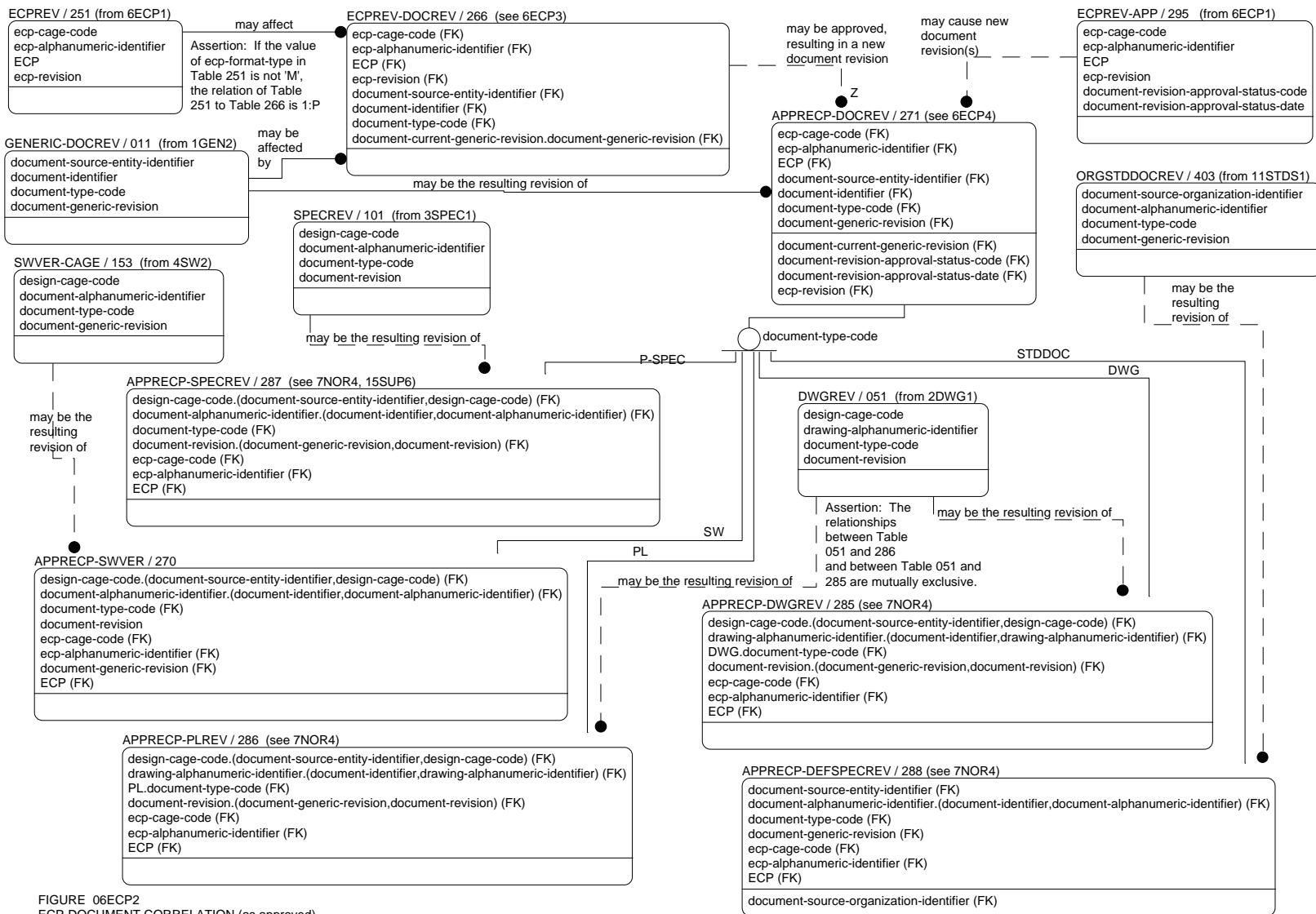


FIGURE 06ECP2
ECP-DOCUMENT CORRELATION (as approved)

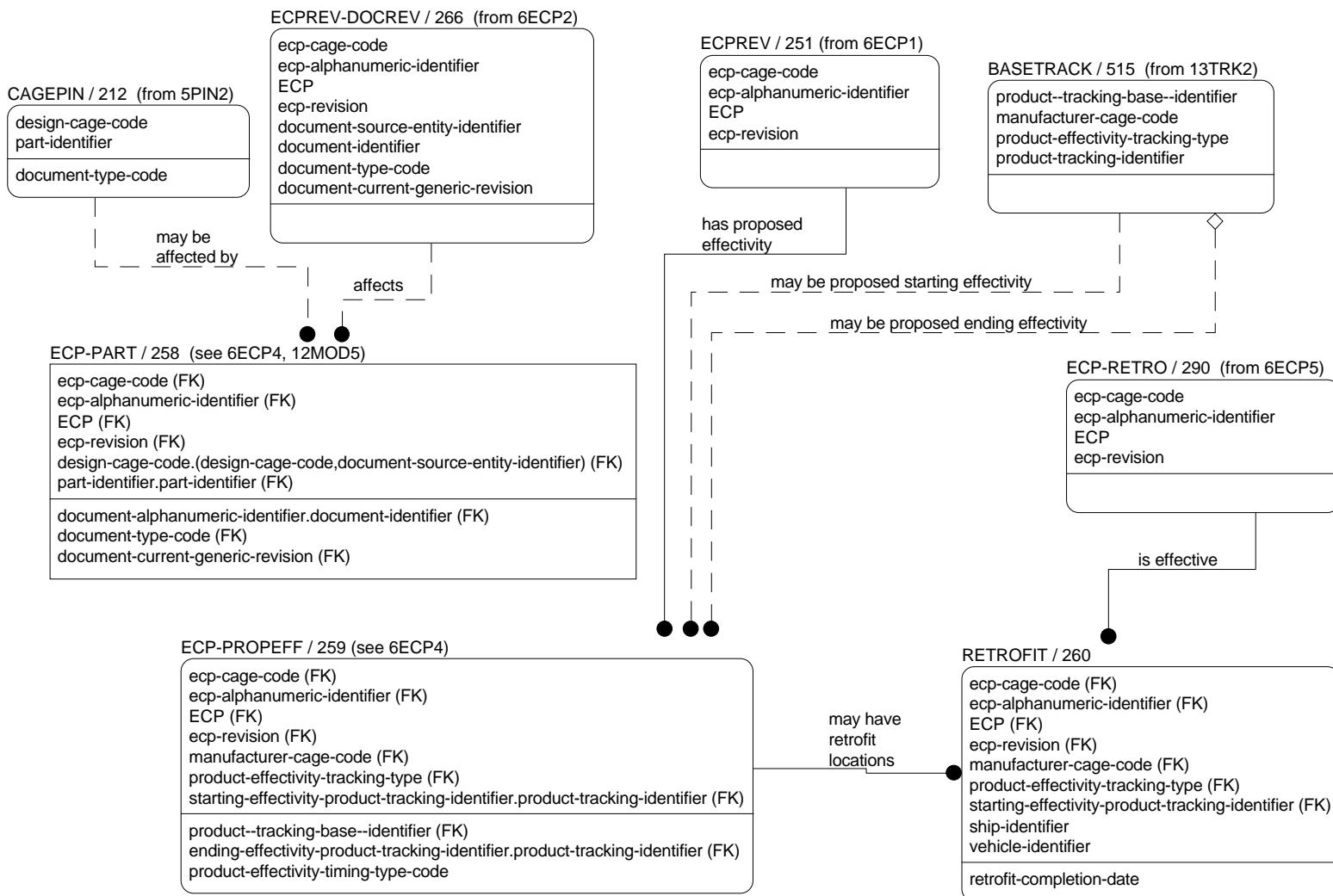


FIGURE 06ECP3
ENGINEERING CHANGE PROPOSAL EFFECTIVITY

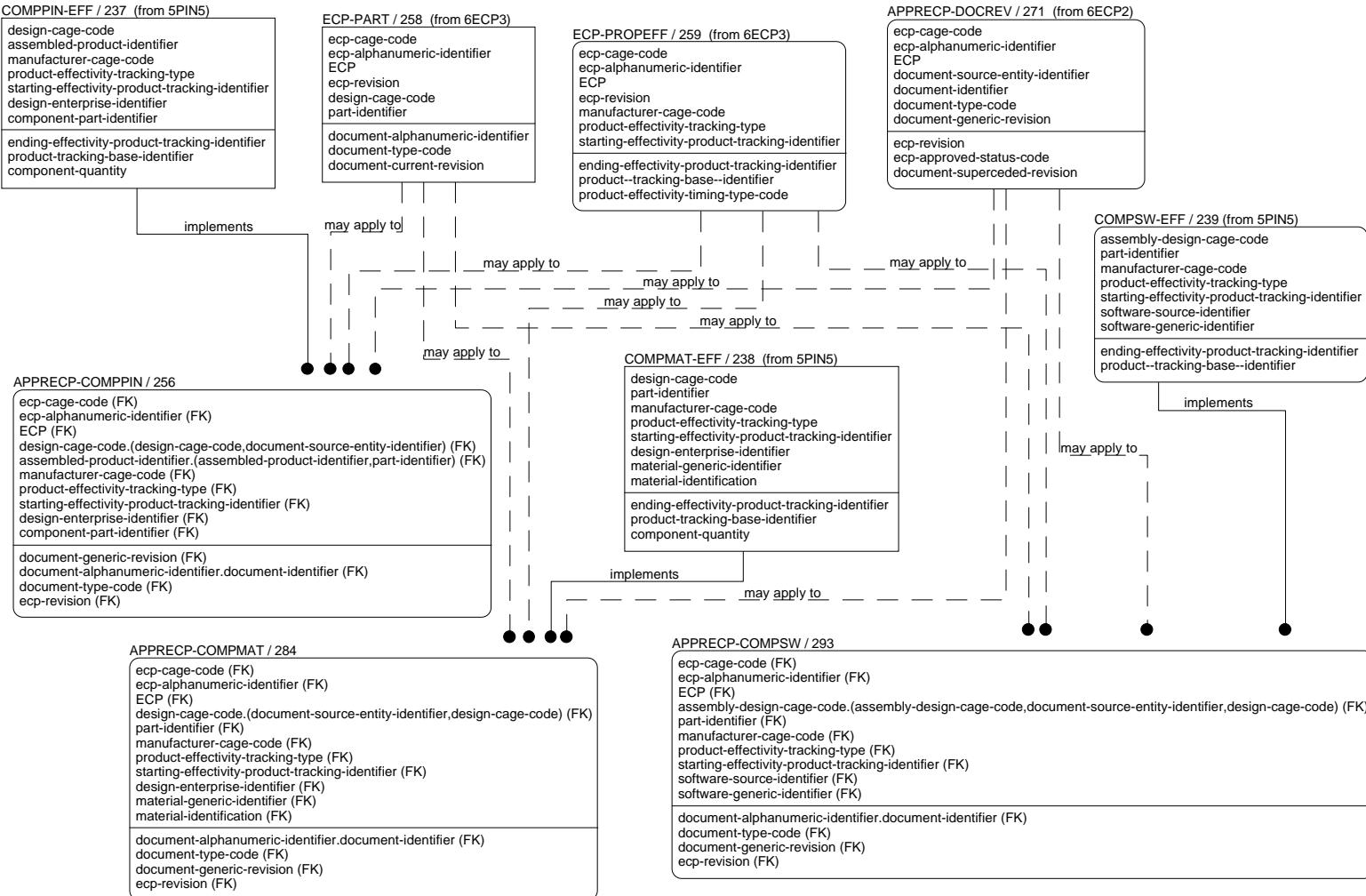


FIGURE 06ECP4
ENGINEERING CHANGE PROPOSAL IMPACT ON ASSEMBLIES

B-112

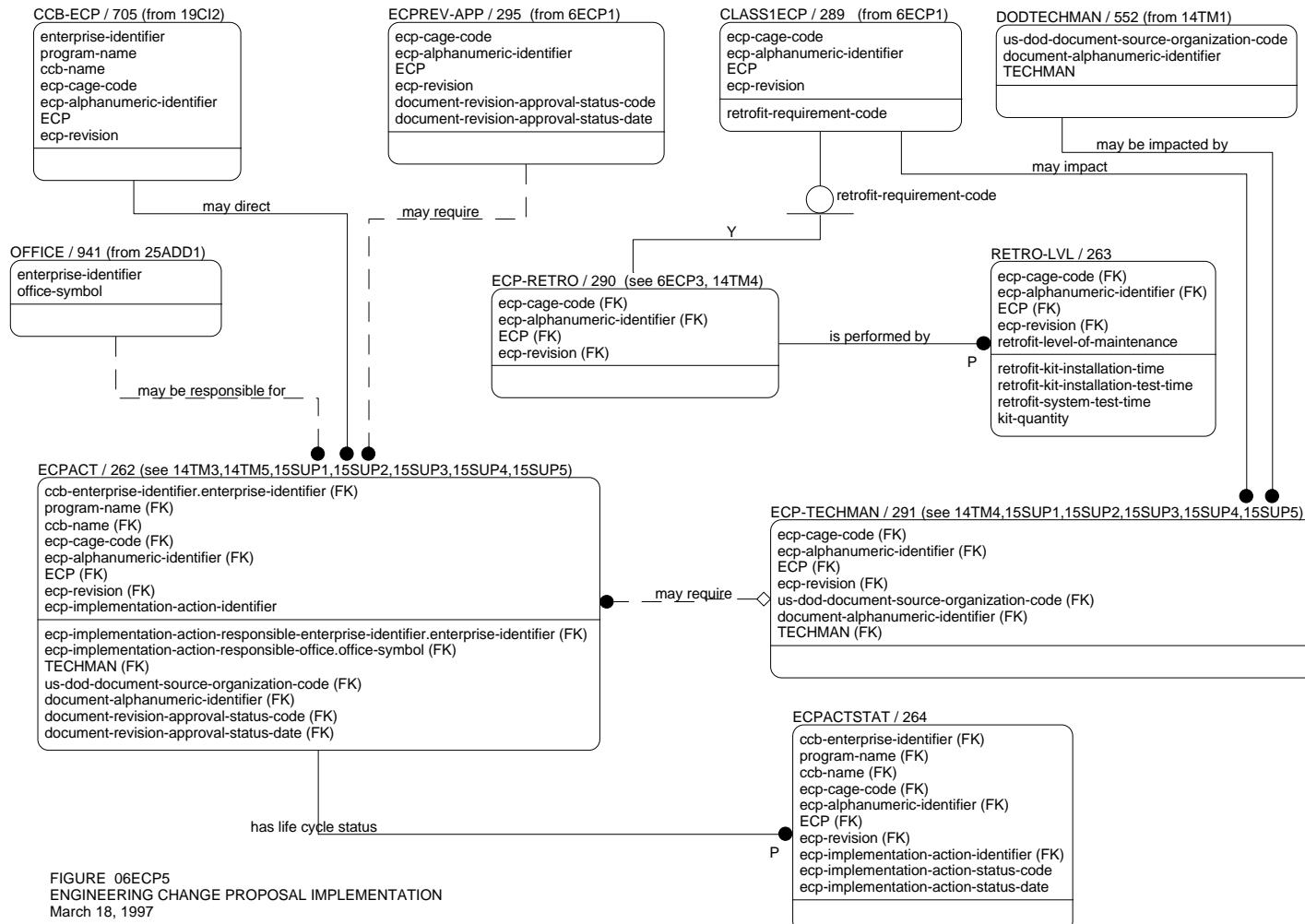


FIGURE 06ECP5
ENGINEERING CHANGE PROPOSAL IMPLEMENTATION
March 18, 1997

MIL-STD-2549
APPENDIX B

- a. For related ECPs, the value of primary-engineering-change-proposal-document-indicator-code (PECPFG250) must be 'R' and the value of engineering-change-proposal-document-implementation-sequence-code (ECPSEQ250) must be 'W'.
- b. If the value of primary-engineering-change-proposal-document-indicator-code (PECPFG250) is 'R' or 'S', the values of primary-engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code (PECPCG250), primary-engineering-change-proposal-document-alphanumeric-identifier (PECPNO250), engineering-change-proposal-document-type-code (PECPTY250), and engineering-change-proposal-document-implementation-sequence-code (ECPSEQ250) must be non-blank. These four elements must be blank for all other values of PECPFG250.
- c. For ECPs with sequential implementation requirements, the value of PECPFG250 must be 'S'. The engineering-change-proposal-document-implementation-sequence-code (ECPSEQ250) indicates the implementation order between this ECP and the primary ECP (identified by fields PECPCG250, PECPNO250, and PECPTY250). Therefore, it should be read, "This ECP must be implemented _____ the primary ECP."
- d. For each instance in this table, the combination of the values of engineering-change-proposal-document-source--enterprise-defense-logistics--assigned-identification-code (ECPCAG250), engineering-change-proposal-document-alphanumeric-identifier (ECPNUM250), and engineering-change-proposal-document-type-code (ECPTYP250) cannot be the same as the combination of the values of primary-engineering-change-proposal-document-source--enterprise-defense-logistics--assigned-identification-code (PECPCG250), primary-engineering-change-proposal-document-alphanumeric-identifier (PECPNO250), and primary-engineering-change-proposal-document-type-code (PECPTY250).
- e. The values of engineering-change-proposal-document-contract-administrator-class-concurrence-date (ECP27F251), procurement-quality-assurance-contact-human-name (ECP27E251), and engineering-change-proposal-document-contract-administrator-class-concurrence-process-disposition-action-status-code (ECP27C251) must all be blank, or all be non-blank.
- f. If the value of engineering-change-proposal-document-change-class-code (ECP050251) is '1', the values of interface-configuration-item-product-affected-code (ECP100251) and engineering-change-proposal-document-in--production-code (ECP170251) are mandatory.
- g. If the value of engineering-change-proposal-document-change-class-code (ECP050251) is '2', then the value of engineering-change-proposal-document-format-type-code (ECP08E251) must be 'F'.
- h. If the value of engineering-change-proposal-document-change-class-code (ECP050251) is '1' and the value of engineering-change-proposal-document-format-type-code (ECP08E251) is 'F' or 'P', the value of the change-proposal-document-product-delivery-schedule-effect-text (ECP0220251) is mandatory.
- i. Attribute enterprise-office-address-text (DIVADD942) inherited from Table 943 assumes the role defense-contract-management-enterprise-office-address-text (ECP27D251).
- j. Attribute human-name (PERNAM943) inherited from Table 943 assumes the role defense-contract-management-command-contact-human-name (ECP27E251).
- k. Because this table is a de facto child of Table 250, the value of document-source-enterprise-defense-logistics--assigned-identification-code (SRCCAG022) inherited from Table 023 must exist as a engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code

MIL-STD-2549
APPENDIX B

(ECPAG250) in Table 250. SRCCAG022 assumes the role engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code (ECPAG250).

1. Because this table is a de facto child of Table 250, the value of document-alphanumeric-identifier (DOCNUM020) inherited from Table 023 must exist as a engineering-change-proposal-document-alphanumeric-identifier (ECPNUM250) in Table 250. DOCNUM020 assumes the role engineering-change-proposal-document-alphanumeric-identifier (ECPNUM250).
- m. Attribute document-generic-revision-identifier (DOCREV011) inherited from Table 023 assumes the role engineering-change-proposal-document-alphanumeric-revision-identifier (ECPREV251).
- n. Because this table is a de facto child of Table 250, the value of document-type-code (DOCTYP010) inherited from Table 023 must exist as a engineering-change-proposal-document-type-code (ECPTYP250) in Table 250. DOCTYP010 assumes the role engineering-change-proposal-document-type-code (ECPTYP250).
- o. Attribute engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code (ECPAG250) inherited from Table 250 assumes the role primary-engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code (PECPCG251).
- p. Attribute engineering-change-proposal-document-alphanumeric-identifier (ECPNUM250) inherited from Table 250 assumes the role primary-engineering-change-proposal-document-alphanumeric-identifier (PECPNO251).
- q. Attribute engineering-change-proposal-document-type-code (ECPTYP250) inherited from Table 250 assumes the role primary-engineering-change-proposal-document-type-code (PECPTY251).

Code	Data Element Title	DED	Key
ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK
ECPREV251	engineering-change-proposal-document-alphanumeric-revision-identifier	0009	FK
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK
ECP27D251	defense-contract-management-enterprise-office-address-text	0081	FK, O
ECP27E251	defense-contract-management-command-contact-human-name	0069	FK, O
PECPCG251	primary-engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK, O
PECPNO251	primary-engineering-change-proposal-document-alphanumeric-identifier	0003	FK, O
PECPTY251	primary-engineering-change-proposal-document-type-code	0004	FK, O
ECP050251	engineering-change-proposal-document-change-class-code	0164	M
ECP08E251	engineering-change-proposal-document-format-type-code	0194	M
ECP100251	interface-configuration-item-product-affected-code	0129	
ECP170251	engineering-change-proposal-document-in--production-code	0223	

MIL-STD-2549
APPENDIX B

ECP190251	change-proposal-document-change-description-text	0171	M
ECP200251	change-proposal-document-change-justification-text	0171	M
ECP220251	change-proposal-document-production-delivery-schedule-effect-text	0171	
ECP27C251	engineering-change-proposal-document-class-concurrence-process-disposition-status-code	0021	
ECP27F251	engineering-change-proposal-document-contract-administration-change-class-concurrence-date	0082	
ECPSEQ251	engineering-change-proposal-document-implementation-sequence-code	0119	
PECPFG251	primary-engineering-change-proposal-document-indicator-code	0187	M
SGM190251	standard-generalized-markup-language-document-proposed-change-long-description-field-identifier	0118	
SGM200251	standard-generalized-markup-language-document-proposed-change-long-need-rationale-field-identifier	0118	
SGM20A251	standard-generalized-markup-language-document-change-proposal-disapproval-consequences-field-identifier	0118	

B.5.6.3. Table 252, Engineering change proposal cost information (ECPCOST). This table identifies the service components (for example: Army, Navy, Air Force, etc.) for which there is a cost impact as a result of this ECP and contains a pointer to the spreadsheet file containing the cost information associated with this class I ECP. (See Data Information Packet 4 for required file contents and user interface requirements.)

- a. The combination of file-originator-human-name (FILORG900), electronic-document-file-identifier (FILIDN900) and enterprise-file-origination-office-address-text (FILADD900) can be associated with only one combination of engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code (ECPCAG250), engineering-change-proposal-document-alphanumeric-identifier (ECPNUM250), and engineering-change-proposal-document-alphanumeric-revision-identifier (ECPREV251).

Code	Data Element Title	DED	Key
SERVID252	engineering-change-proposal-cost--affected-enterprise-acronym-identification-code	0002	K
ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK
ECPREV251	engineering-change-proposal-document-alphanumeric-revision-identifier	0009	FK
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK
FILADD900	enterprise-file-origination-office-address-text	0081	FK
FILIDN900	electronic-document-file-identifier	0206	FK
FILORG900	file-originator-human-name	0069	FK
FILDAT900	electronic-document-file-creation-date	0082	FK
FILTIM900	electronic-document-file-creation-time	0160	FK

MIL-STD-2549
APPENDIX B

B.5.6.4. Table 253, Identification of documents which supplement the contents of an ECP (ECP-SUPDOC). This table correlates various documents with the ECP(s) which they supplement. Usually these documents are analysis, reports, studies, or marked-up drawings.

- a. The value of document-type-code (DOCTYP010) must be 'ANALYS', 'BOOK', 'DWG', 'MISC', 'PERIODL', 'PL', 'PLNPROC', 'P-SPEC', or 'STDDOC'.

Code	Data Element Title	DED	Key
DOCIDN010	document-identifier	0122	FK
DOCTYP010	document-type-code	0004	FK
ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK
ECPREV251	engineering-change-proposal-document-alphanumeric-revision-identifier	0009	FK
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK
SRCIDN010	document-source-entity-identifier	0033	FK

B.5.6.5. Table 254, Baseline(s) affected by an engineering change proposal (ECP-BLINE). This table identifies the baseline(s) impacted by the ECP.

- a. The value of 'product-baseline-type' (BLTYPE254) is limited to the values 'A', 'F', or 'P'.

Code	Data Element Title	DED	Key
BLTYPE254	product-baseline-type-code	0098	K
ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK
ECPREV251	engineering-change-proposal-document-alphanumeric-revision-identifier	0009	FK
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK

B.5.6.6. Table 255, Contract line item(s) affected by an engineering change proposal (ECP-AFFECTED-ITEM). This table correlates the ECP with the affected Contract Line Items. Only the most recent modification for any one contract needs to be addressed.

Code	Data Element Title	DED	Key
CLINUM959	contract-document-line-item-identifier	0017	FK
CONIDN950	contract-document-identifier	0015	FK
CONMOD951	contract-document-revision-identifier	0120	FK

MIL-STD-2549
APPENDIX B

ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK
ECPREV251	engineering-change-proposal-document-alphanumeric-revision-identifier	0009	FK
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK

B.5.6.7. Table 256, Effectivity of an approved ECP on an assembly with component parts (APPRECP-COMPIN). This table correlates the effectivity of the approved ECP with the assembly-component part combinations which are impacted by the ECP.

- a. The values of document-alphanumeric-identifier (DOCTYP010) and document-type-code (DOCTYP010) in this table must be the same as the values for the same-named fields in parent Table ECP-PART/258.
- b. The value of DOCTYP010 must be either 'DWG' or 'PL'.
- c. The value of document-generic-revision-identifier (DOCREV011) must be greater than the value of document-current-generic-revision-identifier (DOCCRV266) in parent Table ECP-PART/258.
- d. Attribute assembled-part-product-identifier (APARNO234) inherited from Table 237 and part-product-identifier (PARNUM210) inherited from Table 258 must both have the same value. Therefore they merge and assume the identity assembled-part-product-identifier (APARNO256).
- e. Fields DESCAG053 inherited from Table 237, DESCAG258 inherited from Table 258, and SRCIDN010 inherited from Table 271 must be the same. Therefore, they merge and assume the identity design-enterprise-defense-logistics--assigned-identification-code (DESCAG256).
- f. Attribute document-identifier (DOCIDN010) inherited from Table 271 assumes the role document-alphanumeric-identifier (DOCTYP010).
- g. Fields STREFF237 inherited from Table 237 and STREFF259 inherited from Table 259 must be the same; therefore, they assume the identity product-starting-effectivity-sequential-tracking-identifier (STREFF256).

Code	Data Element Title	DED	Key
APARNO256	assembled-part-product-identifier	0024	FK
CPARNO234	component-part-product-identifier	0024	FK
DESCAG256	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DESENT210	design-enterprise-identifier	0052	FK
ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK
MFRCAG515	manufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK

MIL-STD-2549
APPENDIX B

STREFF256	product-starting-effectivity-sequential-tracking-identifier	0058	FK
TRKTYP515	product-change-effectivity-tracking-type-code	0057	FK
DOCNUM256	document-alphanumeric-identifier	0003	FK
DOCREV011	document-generic-revision-identifier	0243	FK
DOCTYP010	document-type-code	0004	FK
ECPREV251	engineering-change-proposal-document-alphanumeric-revision-identifier	0009	FK

B.5.6.8. Table 257, Correlation of engineering change proposal to contract(s) (ECP-CON). This table correlates ECPs to the contracts which they impact, or under which they are submitted. Only current contracts between the originator and the approval agency for which a CDRL item exists need to be addressed.

Code	Data Element Title	DED	Key
CONIDN950	contract-document-identifier	0015	FK
CONMOD951	contract-document-revision-identifier	0120	FK
ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK
ECPREV251	engineering-change-proposal-document-alphanumeric-revision-identifier	0009	FK
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK

B.5.6.9. Table 258, Part numbers affected by an engineering change proposal (ECP-PART). This table correlates ECPs to the part numbers affected. Only part numbers identified by a design CAGE (or NSCM) code and number are included in this table.

- a. The combination of the values of design-enterprise-defense-logistics--assigned-identification-code (DESCAG258), document-alphanumeric-identifier (DOCNUM258), document-type-code (DOCTYP010), part-product-identifier (PARNUM210), must exist in either Table 053 or Table 104.
- b. Fields DESCAG212 inherited from Table 212 and SRCIDN010 inherited from Table 266 must be the same; therefore, they assume the identity design-enterprise-defense-logistics--assigned-identification-code (DESCAG258).
- c. Attribute document-identifier (DOCIDN010) inherited from Table 266 assumes the role document-alphanumeric-identifier (DOCNUM258).

Code	Data Element Title	DED	Key
DESCAG258	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK

MIL-STD-2549
APPENDIX B

ECPREV251	engineering-change-proposal-document-alphanumeric-revision-identifier	0009	FK
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK
PARNUM210	part-product-identifier	0024	FK
DOCCRV266	document-current-generic-revision-identifier	0243	FK
DOCNUM258	document-alphanumeric-identifier	0003	FK
DOCTYP010	document-type-code	0004	FK
PARLVL258	engineering-change-proposal-document-part-level-code	0121	M

B.5.6.10. Table 259, ECP effectivity of changes (ECP-PROPEFF). This table correlates the ECP with the proposed effectivity of the ECP for documents and software identified by a CAGE (or NSCM) code and number.

- a. Attribute product-sequential-tracking-identifier (TRKIDN515) inherited from Table 515 assumes the role product-ending-effectivity-sequential-tracking-identifier (ENDEFF259).
- b. Attribute product-sequential-tracking-identifier (TRKIDN515) inherited from Table 515 assumes the role product-starting-effectivity-sequential-tracking-identifier (STREFF259).

Code	Data Element Title	DED	Key
ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK
ECPREV251	engineering-change-proposal-document-alphanumeric-revision-identifier	0009	FK
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK
MFRCAG515	manufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK
STREFF259	product-starting-effectivity-sequential-tracking-identifier	0058	FK
TRKTYP515	product-change-effectivity-tracking-type-code	0057	FK
BASNUM500	product--tracking-base--identifier	0056	FK
ENDEFF259	product-ending-effectivity-sequential-tracking-identifier	0058	FK, O
EFFTIM259	product-change-effectivity-timing-type-code	0028	M

B.5.6.11. Table 260, Locations of items to be retrofit (RETROFIT). This table contains the locations, identity, and quantity of the units to be retrofit.

- a. As key fields, elements geographic-place-name (RETLOC260), ship-asset-identifier (RETSHP260), and vehicle-asset-identifier (RETVEH260) must be nonblank. However, any one or two of these fields may have a dash (-) entered to indicate that they do not apply. The product-quantity (QUANTY260) and product-measurement-unit-code (LOCUOM260) must be nonblank if geographic-place-name (RETLOC260) is nonblank/nondash; otherwise QUANTY260 and LOCUOM260 must both be blank.

MIL-STD-2549
APPENDIX B

Code	Data Element Title	DED	Key
RETLOC260	geographic-place-name	0029	K
RETSHP260	ship-asset-identifier	0031	K
RETVEH260	vehicle-asset-identifier	0031	K
ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK
ECPREV251	engineering-change-proposal-document-alphanumeric-revision-identifier	0009	FK
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK
MFRCAG515	manufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK
STREFF259	product-starting-effectivity-sequential-tracking-identifier	0058	FK
TRKTYP515	product-change-effectivity-tracking-type-code	0057	FK
LOCUOM260	product-measurement-unit-code	0054	
QUANTY260	product-quantity	0019	
RETCOM260	product-change-retrofit-completion-date	0082	

B.5.6.12. Table 261, ECP text file (ECP-EXTXTT). This table identifies the file which contains the extended text to which the SGML tags in Tables 251 and 289 refer.

- a. The combination of file-originator-human-name (FILORG900), electronic-document-file-identifier (FILIDN900) and enterprise-file-origination-office-address-text (FILADD900) can be associated with only one combination of engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code (ECPCAG250), engineering-change-proposal-document-alphanumeric-identifier (ECPNUM250), and engineering-change-proposal-document-alphanumeric-revision-identifier (ECPREV251).

Code	Data Element Title	DED	Key
ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK
ECPREV251	engineering-change-proposal-document-alphanumeric-revision-identifier	0009	FK
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK
FILADD900	enterprise-file-origination-office-address-text	0081	FK, AK1
FILDAT900	electronic-document-file-creation-date	0082	FK, AK1
FILIDN900	electronic-document-file-identifier	0206	FK, AK1
FILORG900	file-originator-human-name	0069	FK, AK1
FILTIM900	electronic-document-file-creation-time	0160	FK, AK1

MIL-STD-2549
APPENDIX B

B.5.6.13. Table 262, Engineering change proposal required implementation action(s) (ECPACT). This table contains the identification of the CCB-directed action items necessary for implementation of an ECP. This allows CM to monitor their status until completion.

- a. Attribute enterprise-identifier (ENTIDN002) inherited from Table 705 assumes the role configuration-control-board-convening-enterprise-identifier (CCBENT262).
- b. Attribute enterprise-office-name (OFFSYM941) inherited from Table 941 assumes the role engineering-change-implementation-required-action-responsible-enterprise-office-name (RESOFF262).
- c. Attribute enterprise-identifier (ENTIDN002) inherited from Table 941 assumes the role engineering-change-implementation-process-required-action-responsible-enterprise-identifier (RESPON262).

Code	Data Element Title	DED	Key
ECPACT262	engineering-change-implementation-process-action-identifier	0072	K
CCBENT262	configuration-control-board-convening-enterprise-identifier	0052	FK
CCBNAM700	program-configuration-control-board-name	0151	FK
ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK
ECPREV251	engineering-change-proposal-document-alphanumeric-revision-identifier	0009	FK
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK
PROGNM691	program-name	0059	FK
DOCNUM552	document-alphanumeric-identifier	0003	FK, O
RESOFF262	engineering-change-implementation-required-action-responsible-enterprise-office-name	0044	FK
RESPON262	engineering-change-implementation-process-required-action-responsible-enterprise-identifier	0052	FK
REVSTA850	document-revision-approval-process-disposition-status-code	0021	FK
SRCDOD552	united-states-defense-department-document-source-enterprise-acronym-identification-code	0002	FK, O
STADAT850	document-revision-approval-process-disposition-status-date	0082	FK
TMNTYP550	technical-manual-document-type-code	0004	FK, O
ACTCOM262	process-action-comment-text	0066	
ACTDES262	engineering-change-implementation-process-action-item-description-text	0185	M
ACTTTL262	process-action-item-title-name	0136	M

B.5.6.14. Table 263, Retrofit maintenance levels (RETRO-LVL). This table identifies the work hours required for retrofit by various levels of maintenance. If kits are required for retrofit, this table contains the details associated with the retrofit kits (such as, level of installation and time for installation) which are anticipated at the time the ECP is submitted.

MIL-STD-2549
APPENDIX B

- a. The value of 'retrofit-maintenance-process-period-work-hour-quantity' (RNRTIM263) and the value of 'retrofit-kit-installation-process-period-work-hour-quantity' (KITTIM263) cannot both be blank in the same instance.

Code	Data Element Title	DED	Key
RETLVL263	engineering-change-proposal-document-retrofit-installation-level-code	0195	K
ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK
ECPREV251	engineering-change-proposal-document-alphanumeric-revision-identifier	0009	FK
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK
ECP450263	retrofit-system-test-process-period-work-hour-quantity	0087	M
ECP480263	predicted-asset-service-period-downtime-days-quantity	0184	M
KITQTY263	product-quantity	0019	
KITTIM263	retrofit-kit-installation-process-period-work-hour-quantity	0087	
KITTST263	retrofit-kit-test-process-period-work-hour-quantity	0087	
RNRTIM263	retrofit-maintenance-process-period-work-hour-quantity	0087	

B.5.6.15. Table 264, Status of engineering change proposal implementation action items (ECPACTSTAT). This table contains the status of the implementation actions identified in Tables 262.

Code	Data Element Title	DED	Key
STACOD264	engineering-change-implementation-process-action-disposition-status-code	0021	K
STADAT264	engineering-change-implementation-process-action-disposition-status-date	0082	K
CCBENT262	configuration-control-board-convening-enterprise-identifier	0052	FK
CCBNAM700	program-configuration-control-board-name	0151	FK
ECPACT262	engineering-change-implementation-process-action-identifier	0072	FK
ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK
ECPREV251	engineering-change-proposal-document-alphanumeric-revision-identifier	0009	FK
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK
PROGNM691	program-name	0059	FK
ACTCOM264	process-action-comment-text	0066	

MIL-STD-2549
APPENDIX B

B.5.6.16. Table 265, Other impacts of the ECP (ECP-OTHER). This table is used to identify and describe any factors which are impacted by the ECP and which are not addressed elsewhere.

Code	Data Element Title	DED	Key
IMPNAM265	engineering-change-proposal-document-unusual-effect-name	0263	K
ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK
ECPREV251	engineering-change-proposal-document-alphanumeric-revision-identifier	0009	FK
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK
SGMUNU265	standard-generalized-markup-language-document-proposed-change-unusual-effect-description-field-identifier	0118	M

B.5.6.17. Table 266, Correlation of ECP revisions to the document revisions they impact (ECPREV-DOCREV). This table correlates the ECP revisions to the document(s) and software which are impacted by the ECP revision. Only documents and software which are identified by a CAGE (or NSCM) code and number are included in this table.

- a. The only allowable values of document-type-code (DOCTYP010) are 'DWG', 'MISC', 'PL', 'P-SPEC', 'SW', and 'SWDOC'.
- b. All documents entered in this table and the ECP with which they are associated must have the same document-current-change-control-authority-entity-identifier in Table 010 at the time of approval of the ECP.
- c. Attribute document-generic-revision-identifier (DOCREV011) inherited from Table 011 assumes the role document-current-generic-revision-identifier (DOCCRV266).

Code	Data Element Title	DED	Key
DOCCRV266	document-current-generic-revision-identifier	0243	FK
DOCIDN010	document-identifier	0122	FK
DOCTYP010	document-type-code	0004	FK
ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK
ECPREV251	engineering-change-proposal-document-alphanumeric-revision-identifier	0009	FK
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK
SRCIDN010	document-source-entity-identifier	0033	FK
SGM330266	standard-generalized-markup-language-document-specific-proposed-changes-field-identifier	0118	

MIL-STD-2549
APPENDIX B

B.5.6.18. Tables 267 through 269. Reserved.

B.5.6.19. Table 270, Approved ECPs impacting software (APPRECP-SWVER). This table is a subtype of Table APPRECP-DOCREV/271 containing the subset of Table 271 consisting of those entries with a document-type-code (DOCTYP010) of 'SW'. It contains the correlation of approved ECPs to the software which is changed as a result of the ECP. This table includes the new software version.

- a. Attribute design-enterprise-defense-logistics--assigned-identification-code (DESCAG153) inherited from Table 153 and document-source-entity-identifier (SRCIDN010) inherited from Table 271 must both have the same value. Therefore they merge and assume the identity design-enterprise-defense-logistics--assigned-identification-code (DESCAG153).
- b. Attribute document-alphanumeric-identifier (DOCNUM020) inherited from Table 153 and document-identifier (DOCIDN010) inherited from Table 271 must both have the same value. Therefore they merge and assume the identity document-alphanumeric-identifier (DOCNUM020).

Code	Data Element Title	DED	Key
DESCAG153	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCREV011	document-generic-revision-identifier	0243	FK
DOCTYP010	document-type-code	0004	FK
ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK

B.5.6.20. Table 271, Correlation of old and new revision identifiers for approved changes to documents (APPRECP-DOCREV). This table correlates the ECP to the revision of the engineering drawing, program-unique specification or software against which the ECP was written. Only documents and software identified by a CAGE (or NSCM) code and number are included in this table.

- a. Attribute document-current-generic-revision-identifier (DOCCRV266) inherited from Table 266 assumes the role document-superseded-alphanumeric-revision-identifier (OLDREV271).

Code	Data Element Title	DED	Key
DOCIDN010	document-identifier	0122	FK
DOCREV011	document-generic-revision-identifier	0243	FK
DOCTYP010	document-type-code	0004	FK
ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK
SRCIDN010	document-source-entity-identifier	0033	FK

MIL-STD-2549
APPENDIX B

ECPREV251	engineering-change-proposal-document-alphanumeric-revision-identifier	0009	FK
OLDREV271	document-superseded-alphanumeric-revision-identifier	0009	FK
REVSTA850	document-revision-approval-process-disposition-status-code	0021	FK
STADAT850	document-revision-approval-process-disposition-status-date	0082	FK

B.5.6.21. Tables 272 through 283. Reserved.

B.5.6.22. Table 284, Effectivity of an approved ECP on an assembly with component materials (APPRECP-COMPMAT). This table correlates the effectivity of the approved ECP with the assembly-component material combinations which are impacted by the ECP.

- a. The values of document-alphanumeric-identifier (DOCNUM284) and document-type-code (DOCTYP010) in this table must be the same as the values for the same-named fields in parent Table ECP-PART/258.
- b. The value of DOCTYP010 must be either 'DWG' or 'PL'.
- c. The value of document-generic-revision-identifier (DOCREV011) must be greater than the value of document-current-generic-revision-identifier (DOCCRV266) in parent Table ECP-PART/258.
- d. Fields DESCAG053 inherited from Table 238, DESCAG258 inherited from Table 258, and SRCIDN010 inherited from Table 271 must be the same. Therefore, they merge and assume the identity design-enterprise-defense-logistics--assigned-identification-code (DESCAG284).
- e. Attribute document-identifier (DOCIDN010) inherited from Table 271 assumes the role document-alphanumeric-identifier (DOCNUM284).
- f. Fields STREFF238 inherited from Table 238 and STREFF259 inherited from Table 259 must be the same; therefore, they assume the identity product-starting-effectivity-sequential-tracking-identifier (STREFF284).

Code	Data Element Title	DED	Key
DESCAG284	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DESENT200	design-enterprise-identifier	0052	FK
ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK
MATGID200	material-product-generic-identifier	0092	FK
MATIDN200	material-product-identifier	0038	FK
MFRCAG515	manufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK
PARNUM210	part-product-identifier	0024	FK
STREFF284	product-starting-effectivity-sequential-tracking-identifier	0058	FK

MIL-STD-2549
APPENDIX B

TRKTyp515	product-change-effectivity-tracking-type-code	0057	FK
DOCNUM284	document-alphanumeric-identifier	0003	FK
DOCREV011	document-generic-revision-identifier	0243	FK
DOCTYP010	document-type-code	0004	FK
ECPREV251	engineering-change-proposal-document-alphanumeric-revision-identifier	0009	FK

B.5.6.23. Table 285, Approved ECPs impacting engineering drawings (APPRECP-DWGREV). This table is a subtype of Table APPRECP-DOCREV/271 containing the subset of Table 271 consisting of a correlation of approved ECPs to the engineering drawings which are changed as a result of the ECP. This table includes the new drawing revision letter.

- a. The value of document-type-code (DOCTYP010) must be 'DWG'.
- b. Attribute design-enterprise-defense-logistics--assigned-identification-code (DESCAG050) inherited from Table 051 and document-source-entity-identifier (SRCIDN010) inherited from Table 271 must both have the same value. Therefore they merge and assume the identity design-enterprise-defense-logistics--assigned-identification-code (DESCAG050).
- c. Attribute document-alphanumeric-revision-identifier (DOCREV051) inherited from Table 051 and document-generic-revision-identifier (DOCREV011) inherited from Table 271 must both have the same value. Therefore they merge and assume the identity document-alphanumeric-revision-identifier (DOCREV051).
- d. Attribute engineering-drawing-document-alphanumeric-identifier (DWGNUM050) inherited from Table 051 and document-identifier (DOCIDN010) inherited from Table 271 must both have the same value. Therefore they merge and assume the identity engineering-drawing-document-alphanumeric-identifier (DWGNUM050).
- e. Attribute document-type-code (DOCTYP010) inherited from Table 051 and document-type-code (DOCTYP010) inherited from Table 271 must have the same value and merge to assume the role engineering-drawing-document-type-code (DWGTYP285).

Code	Data Element Title	DED	Key
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DOCREV051	document-alphanumeric-revision-identifier	0009	FK
DWGNUM050	engineering-drawing-document-alphanumeric-identifier	0003	FK
DWGTYP285	engineering-drawing-document-type-code	0004	FK
ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK

MIL-STD-2549
APPENDIX B

B.5.6.24. Table 286, Approved ECPs impacting parts list drawings (APPRECP-PLREV). This table is a subtype of Table APPRECP-DOCREV/271 containing the subset of Table 271 consisting of a correlation of approved ECPs to the parts list drawings which are changed as a result of the ECP. This table includes the new parts list drawing revision letter.

- a. The value of document-type-code (DOCTYP010) must be 'PL'.
- b. Attribute design-enterprise-defense-logistics--assigned-identification-code (DESCAG050) inherited from Table 051 and document-source-entity-identifier (SRCIDN010) inherited from Table 271 must both have the same value. Therefore they merge and assume the identity design-enterprise-defense-logistics--assigned-identification-code (DESCAG050).
- c. Attribute document-alphanumeric-revision-identifier (DOCREV051) inherited from Table 051 and document-generic-revision-identifier (DOCREV011) inherited from Table 271 must both have the same value. Therefore they merge and assume the identity document-alphanumeric-revision-identifier (DOCREV051).
- d. Attribute engineering-drawing-document-alphanumeric-identifier (DWGNUM050) inherited from Table 051 and document-identifier (DOCIDN010) inherited from Table 271 must both have the same value. Therefore they merge and assume the identity engineering-drawing-document-alphanumeric-identifier (DWGNUM050).
- e. Attribute document-type-code (DOCTYP010) inherited from Table 051 and document-type-code (DOCTYP010) inherited from Table 271 must have the same value and merge to assume the role parts-list-drawing-document-type-code (PLTYPE286).

Code	Data Element Title	DED	Key
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DOCREV051	document-alphanumeric-revision-identifier	0009	FK
DWGNUM050	engineering-drawing-document-alphanumeric-identifier	0003	FK
ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK
PLTYPE286	parts-list-drawing-document-type-code	0004	FK

B.5.6.25. Table 287, Approved ECPs impacting program specifications (APPRECP-SPECREV). This table is a subtype of Table APPROVED-DOCREV/271 containing the subset of Table 271 consisting of a correlation of approved ECPs to the program-unique specifications which are changed as a result of the ECP. This table includes the new drawing revision letter.

- a. The value of document-type-code (DOCTYP010) must be 'SPEC'.
- b. Attribute design-enterprise-defense-logistics--assigned-identification-code (DESCAG100) inherited from Table 101 and document-source-entity-identifier (SRCIDN010) inherited from Table 271 must both have

MIL-STD-2549
APPENDIX B

the same value. Therefore they merge and assume the identity design-enterprise-defense-logistics--assigned-identification-code (DESCAG100).

- c. Attribute document-alphanumeric-identifier (DOCNUM020) inherited from Table 101 and document-identifier (DOCIDN010) inherited from Table 271 must both have the same value. Therefore they merge and assume the identity document-alphanumeric-identifier (DOCNUM020).
- d. Attribute document-alphanumeric-revision-identifier (DOCREV101) inherited from Table 101 and document-generic-revision-identifier (DOCREV011) inherited from Table 271 must both have the same value. Therefore they merge and assume the identity document-alphanumeric-revision-identifier (DOCREV101).

Code	Data Element Title	DED	Key
DESCAG100	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCREV101	document-alphanumeric-revision-identifier	0009	FK
DOCTYP010	document-type-code	0004	FK
ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK

B.5.6.26. Table 288, Approved ECPs impacting defense specifications (APPRECP-DEFSPECREV). This table is a subtype of Table APPRECP-DOCREV/271 containing the subset of Table 271 consisting of a correlation of approved ECPs to the defense specifications which are changed as a result of the ECP. This table includes the new specification revision identifier.

- a. The value of document-type-code (DOCTYP010) must be 'STDDOC'.
- b. The combination of values of document-source-organization-identifier (SRCORG024), document-alphanumeric-identifier (DOCNUM020), and document-type-code (DOCTYP010) inherited from Table 403 must exist in Table 412.
- c. Attribute document-identifier (DOCIDN010) inherited from Table 271 and document-alphanumeric-identifier (DOCNUM020) inherited from Table 403 must both have the same value. Therefore they merge and assume the identity document-alphanumeric-identifier (DOCNUM020).
- d. Attribute document-source-entity-identifier (SRCIDN010) inherited from Table 271 and document-source-organization-identifier (SRCORG024) inherited from Table 403 must both have the same value. Therefore they merge and assume the identity document-source-organization-identifier (SRCORG024).

Code	Data Element Title	DED	Key
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCREV011	document-generic-revision-identifier	0243	FK
DOCTYP010	document-type-code	0004	FK

MIL-STD-2549
APPENDIX B

ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK
SRCORG024	document-source-organization-identifier	0096	FK

B.5.6.27. Table 289, Class I ECPs (CLASS1ECP). This table is a subtype of Table ECPREV/251 which contains a subset of the revision history of ECPs. It consists of class I ECPs with all the attribute information associated with a class I ECP (and therefore, the value of engineering-change-proposal-document-change-classification-code [ECP050251] in Table 251 must have a value of 'T'). This table has two subtypes: ECP-RETRO/290 and ECP-NORETRO (not shown); there are no special attributes associated with ECP-NORETRO.

- a. The product-royalty-expiration-date (ECPROY289) must be non-blank for all values of engineering-change-proposal-document-justification-code except 'V'.
- b. The value of engineering-change-proposal-document-retrofit-contract-authority-need-date (ECP50B289) must be blank if the value of engineering-change-proposal-product-retrofit-requirement-code (ECP001289) is 'N'; and must be non-blank if the value is 'Y'.
- c. The value of engineering-change-proposal-document-estimated-research-cost-amount (RDTCS289) must be nonblank if the value of engineering-change-proposal-document-format-type-code (ECP08E251 in Table 251) is 'P', and must be blank if the value of ECP08E251 (in Table 251) is 'F'.
- d. The value of engineering-change-proposal-document-estimated-production-cost-amount (PRDCOS289) must be blank if the value of engineering-change-proposal-document-format-type-code (ECP08E251 in table 251) is 'F', and must be nonblank for all other values of ECP08E251.
- e. The value of engineering-change-proposal-document-estimated-under-contract-subtotal-cost-amount (CONCOS289) and engineering-change-proposal-document-estimated-total-cost-amount (TOTCOS289) must be nonblank if the value of engineering-change-proposal-document-format-type-code (ECP08E251 in Table 251) is 'F', and must be blank for all other values of ECP08E251.
- f. If the value of engineering-change-proposal-document-format-type-code (ECP08E251 in Table 251) is 'M', then the vlaue of engineering-change-proposal-document-priority-code (ECP070289) must be either 'U' or 'E'.

Code	Data Element Title	DED	Key
ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK
ECPREV251	engineering-change-proposal-document-alphanumeric-revision-identifier	0009	FK
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK
CONCOS289	engineering-change-proposal-document-estimated-under-contract-subtotal-cost-amount	0172	M
ECP060289	engineering-change-proposal-document-justification-code	0165	M

MIL-STD-2549
APPENDIX B

ECP070289	engineering-change-proposal-document-priority-code	0166	
ECP50A289	engineering-change-proposal-document-production-contract-authority-need-date	0082	
ECPROY289	product-royalty-expiration-date	0082	
PRDCOS289	engineering-change-proposal-document-estimated-production-cost-amount	0172	
RDTCOS289	engineering-change-proposal-document-estimated-research-cost-amount	0172	
RTROCD289	product-retrofit-requirement-code	0240	M
SGM32E289	standard-generalized-markup-language-document-proposed-change-software-effect-field-identifier	0118	
SGM341289	standard-generalized-markup-language-document-proposed-change-alternate-solutions-field-identifier	0118	
SGM342289	standard-generalized-markup-language-document-proposed-change-developmental-program-requirements-field-identifier	0118	
SGM37A289	standard-generalized-markup-language-document-proposed-change-performance-effect-field-identifier	0118	
SGM37B289	standard-generalized-markup-language-document-proposed-change-aircraft-weight-balance-stability-effect-field-identifier	0118	
SGM37C289	standard-generalized-markup-language-document-proposed-change-weight-moment-inertia-effect-field-identifier	0118	
SGM37E289	standard-generalized-markup-language-document-proposed-change-nomenclature-effect-field-identifier	0118	
SGM38A289	standard-generalized-markup-language-document-proposed-change-logistics-support-plan-effect-field-identifier	0118	
SGM38B289	standard-generalized-markup-language-document-proposed-change-maintenance-concept-effect-field-identifier	0118	
SGM38D289	standard-generalized-markup-language-document-proposed-change-interim-support-programs-effect-field-identifier	0118	
SGM38E289	standard-generalized-markup-language-document-proposed-change-spare-repair-parts-effect-field-identifier	0118	
SGM38F289	standard-generalized-markup-language-document-proposed-change-technical-manual-effect-field-identifier	0118	
SGM38G289	standard-generalized-markup-language-document-proposed-change-facilities-effect-field-identifier	0118	
SGM38H289	standard-generalized-markup-language-document-proposed-change-support-equipment-effect-field-identifier	0118	
SGM38I289	standard-generalized-markup-language-document-proposed-change-operator-training-effect-field-identifier	0118	
SGM38J289	standard-generalized-markup-language-document-proposed-change-personnel-effect-field-identifier	0118	
SGM38K289	standard-generalized-markup-language-document-proposed-change-maintenance-training-effect-field-identifier	0118	
SGM38M289	standard-generalized-markup-language-document-proposed-change-contract-maintenance-effect-field-identifier	0118	

MIL-STD-2549
APPENDIX B

SGM38N289	standard-generalized-markup-language-document-proposed-change-packaging-handling-storage-transport-effect-field-identifier	0118
SGM39A289	standard-generalized-markup-language-document-proposed-change-safety-effect-field-identifier	0118
SGM39B289	standard-generalized-markup-language-document-proposed-change-survivability-effect-field-identifier	0118
SGM39C289	standard-generalized-markup-language-document-proposed-change-reliability-effect-field-identifier	0118
SGM39D289	standard-generalized-markup-language-document-proposed-change-maintainability-effect-field-identifier	0118
SGM39E289	standard-generalized-markup-language-document-proposed-change-service-life-effect-field-identifier	0118
SGM39F289	standard-generalized-markup-language-document-proposed-change-operating-procedure-effect-field-identifier	0118
SGM39G289	standard-generalized-markup-language-document-proposed-change-electromagnetic-interference-effect-field-identifier	0118
SGM39H289	standard-generalized-markup-language-document-proposed-change-activation-effect-field-identifier	0118
SGM39I289	standard-generalized-markup-language-document-proposed-change-critical-single-point-failure-item-effect-field-identifier	0118
SGM39J289	standard-generalized-markup-language-document-proposed-change-interoperability-effect-field-identifier	0118
SGM40D289	standard-generalized-markup-language-document-proposed-change-other-software-effect-field-identifier	0118
SGM40E289	standard-generalized-markup-language-document-proposed-change-rework-other-equipment-effect-field-identifier	0118
SGM40F289	standard-generalized-markup-language-document-proposed-change-system-test-procedure-effect-field-identifier	0118
SGM40G289	standard-generalized-markup-language-document-proposed-change-warranty-effect-field-identifier	0118
SGM40H289	standard-generalized-markup-language-document-proposed-change-parts-control-effect-field-identifier	0118
SGM40I289	standard-generalized-markup-language-document-proposed-change-life-cycle-cost-effect-field-identifier	0118
SGM40J289	standard-generalized-markup-language-document-proposed-change-government-furnished-equipment-effect-field-identifier	0118
TOTCOS289	engineering-change-proposal-document-estimated-total-cost-amount	0172

B.5.6.28. Table 290, ECP retrofit recommendation and requirements (ECP-RETRO). This table is a subtype of Table CLASS1ECP/289 and is applicable only if an ECP recommends retrofit of existing, deployed units (that is, the value of engineering-change-proposal-product-retrofit-code in Table 289 is 'Y'). It contains the pertinent information on why retrofit is necessary and the detail of what retrofit will entail.

- a. If the value of change-proposal-document-contractor-field-service-effect-code (ECP470290) is 'Y', then the value of standard-generalized-markup-language-document-proposed-change-contractor-field-service-

MIL-STD-2549
APPENDIX B

effect-field-identifier (SGM470290) must be nonblank; if the value of ECP470290 is 'N', then SGM470290 must be blank.

Code	Data Element Title	DED	Key
ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK
ECPREV251	engineering-change-proposal-document-alphanumeric-revision-identifier	0009	FK
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK
ECP470290	change-proposal-document-contractor-field-service-effect-code	0180	M
ECP50B290	engineering-change-proposal-document-retrofit-contract-authority-need-date	0082	M
SGM430290	standard-generalized-markup-language-document-retrofit-recommendations-field-identifier	0118	M
SGM470290	standard-generalized-markup-language-document-proposed-change-contractor-field-service-effect-field-identifier	0118	

B.5.6.29. Table 291, Correlation of ECP to impacted Technical Manuals/Orders (ECP-TECHMAN). This table correlates a proposed ECP with the Technical manuals/orders which will be impacted upon its approval.

Code	Data Element Title	DED	Key
DOCNUM552	document-alphanumeric-identifier	0003	FK
ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK
ECPREV251	engineering-change-proposal-document-alphanumeric-revision-identifier	0009	FK
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK
SRCDOD552	united-states-defense-department-document-source-enterprise-acronym-identification-code	0002	FK
TMNTYP550	technical-manual-document-type-code	0004	FK

B.5.6.30. Table 292, Correlation of approved ECPs to implementing contract modification(s) (APPRECPREV-CONMOD). This table correlates approved ECPs to the implementing contract modification(s).

Code	Data Element Title	DED	Key
CONIDN950	contract-document-identifier	0015	FK
CONMOD951	contract-document-revision-identifier	0120	FK
ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK

MIL-STD-2549
APPENDIX B

ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK
ECPREV251	engineering-change-proposal-document-alphanumeric-revision-identifier	0009	FK
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK
REVSTA850	document-revision-approval-process-disposition-status-code	0021	FK
STADAT850	document-revision-approval-process-disposition-status-date	0082	FK

B.5.6.31. Table 293, Effectivity of an approved ECP on an assembly with component software (APPRECP-COMPSW). This table correlates the effectivity of the approved ECP with the assembly-component software combinations which are impacted by the ECP.

- a. The values of document-alphanumeric-identifier (DOCNUM293) and document-type-code (DOCTYP010) in this table must be the same as the values for the same-named fields in parent Table ECP-PART/258.
- b. The value of DOCTYP010 must be either 'DWG' or 'PL'.
- c. The value of document-generic-revision-identifier (DOCREV011) must be greater than the value of document-current-generic-revision-identifier (DOCCRV266) in parent Table ECP-PART/258.
- d. Fields ADESCG236 inherited from Table 239, DESCAG258 inherited from Table 258, and SRCIDN010 inherited from Table 271 must be the same. Therefore, they merge and assume the identity assembled-product-design-enterprise-defense-logistics--assigned-identification-code (ADESCG293).
- e. Attribute document-identifier (DOCIDN010) inherited from Table 271 assumes the role document-alphanumeric-identifier (DOCNUM293).
- f. Fields STREFF239 inherited from Table 239 and STREFF259 inherited from Table 259 must be the same; therefore, they assume the identity product-starting-effectivity-sequential-tracking-identifier (STREFF293).

Code	Data Element Title	DED	Key
ADESCG293	assembled-product-design-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK
MFRCAG515	manufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK
PARNUM210	part-product-identifier	0024	FK
STREFF293	product-starting-effectivity-sequential-tracking-identifier	0058	FK
SWSORC170	software-product-source-entity-identifier	0033	FK
TRKTYP515	product-change-effectivity-tracking-type-code	0057	FK
DOCNUM293	document-alphanumeric-identifier	0003	FK

MIL-STD-2549
APPENDIX B

DOCREV011	document-generic-revision-identifier	0243	FK
DOCTYP010	document-type-code	0004	FK
ECPREV251	engineering-change-proposal-document-alphanumeric-revision-identifier	0009	FK
SWIDEN170	software-product-generic-identifier	0060	FK

B.5.6.32. Table 294, ECP approval process status (ECPREVSTAT). This table contains the status of an ECP revision as it is processed through the approval process by the current document change authority (CDCA) of the document(s) impacted by the ECP. Although not shown, it can be proven that the series of subtype relationships between Table GENERIC-DOCREV/011 and this table also exist between Table DOCREVSTAT/850 and this table. Therefore, this table is a de facto subtype of Table 850, and all the data elements, rules and relationships of Table 850 also apply.

- a. Because this table is a de facto subtype of Table 850, engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code (ECPCAG250) inherited from Table 251 is really a document-source-entity-identifier (SRCIDN010) existing in Table 850.
- b. Because this table is a de facto subtype of Table 850, engineering-change-proposal-document-alphanumeric-identifier (ECPNUM250) inherited from Table 251 is really a document-identifier (DOCIDN010) existing in Table 850.
- c. Because this table is a de facto subtype of Table 850, engineering-change-proposal-document-alphanumeric-revision-identifier (ECPREV251) inherited from Table 251 is really a document-generic-revision-identifier (DOCREV011) existing in Table 850.
- d. Because this table is a de facto subtype of Table 850, engineering-change-proposal-document-type-code (ECPTYP250) inherited from Table 251 is really a document-type-code (DOCTYP010) existing in Table 850.

Code	Data Element Title	DED	Key
ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK
ECPREV251	engineering-change-proposal-document-alphanumeric-revision-identifier	0009	FK
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK
REVSTA850	document-revision-approval-process-disposition-status-code	0021	FK
STADAT850	document-revision-approval-process-disposition-status-date	0082	FK

B.5.6.33. Table 295, Approved ECPs (ECPREV-APP). This table is one subtype of Table ECPREVSTAT/294 which contains the subset of the contents of Table 294 consisting of those documents which are approved ECPs; therefore, the value of document-revision-approval-process-disposition-status-code must be 'APP'. Although not shown, it can be proven that the series of subtype relationships between Table GENERIC-DOCREV/011 and this table also exist between Table DOCREV-APP/854 and this table. Therefore, Table 295 is a de facto subtype of Table 854, and all the data elements, rules and relationships of Table 854 apply. Table 295 is singled out in the data model due to the unique relationships associated with it.

MIL-STD-2549
APPENDIX B

- a. The value of document-revision-approval-process-disposition-status-code (REVSTA850) cannot be 'APP' unless the value of engineering-change-proposal-document-format-type-code (ECP08E251) in Table 251 is 'F'.
- b. Because this table is a de facto subtype of Table 854, engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code (ECPCAG250) inherited from Table 294 is really a document-source-entity-identifier (SRCIDN010) existing in Table 854.
- c. Because this table is a de facto subtype of Table 854, engineering-change-proposal-document-alphanumeric-identifier (ECPNUM250) inherited from Table 294 is really a document-identifier (DOCIDN010) existing in Table 854.
- d. Because this table is a de facto subtype of Table 854, engineering-change-proposal-document-alphanumeric-revision-identifier (ECPREV251) inherited from Table 294 is really a document-generic-revision-identifier (DOCREV011) existing in Table 854.
- e. Because this table is a de facto subtype of Table 854, engineering-change-proposal-document-type-code (ECPTYP250) inherited from Table 294 is really a document-type-code (DOCTYP010) existing in Table 854.

Code	Data Element Title	DED	Key
ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK, AK1
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK, AK1
ECPREV251	engineering-change-proposal-document-alphanumeric-revision-identifier	0009	FK, AK1
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK, AK1
REVSTA850	document-revision-approval-process-disposition-status-code	0021	FK
STADAT850	document-revision-approval-process-disposition-status-date	0082	FK

B.5.6.34. Tables 296 through 299. Reserved.

B.5.7. Notice of revision. Entity tables numbered in the range of 300 through 324 contain the identification of notices of revision, their associated attributes, and their relation to engineering change proposals. A NOR is primarily a military document used to identify specific changes (for example: "change from... to...") which are required to an engineering drawing or to a program-unique or defense specification. However, most companies which contract with the U.S. Department of Defense either use this same document internally, or have developed a similar internal methodology which is part of their internal ECP-equivalent document(s) (contractor format ECP/NOR equivalent documents are typically called Engineering Change Notices [ECNs], Engineering Change Orders [ECOs]). This section only addresses the military requirement; therefore, it only includes NORs which are identified by a CAGE (or NSCM) code and a number. NORs are always an attachment to one ECP and can only be approved with the ECP (note: a NOR can be disapproved, even if the ECP is approved, but cannot be approved if the ECP is disapproved). An approved NOR is always associated with the new revision level of the engineering drawing, program-unique specification or defense specification which is changed as a result of its approval.

MIL-STD-2549
APPENDIX B

The other major portion of this section allows the capture of ECP-proposed changes to an engineering parts list (integral or separate). If proposed parts list changes are captured here, automated systems can be developed to incorporate the approved changes into the effective parts list in Figures 05PIN4 and 05PIN5.

The relationships between these various NOR entity tables, NORs and ECP entity tables, and NORs and the documents changed by them are depicted in Figures 07NOR1 through 07NOR5.

B.5.7.1. Table 300, Notice of revision definition (NOR). This table includes the unique and primary identification of a Notice of Revision. A NOR is one subtype of Table CAGE-NUM-DOC/022 for the case where document-type-code in Table 022 has a value of 'NOR'.

- a. Attribute document-source-enterprise-defense-logistics--assigned-identification-code (SRCCAG022) inherited from Table 022 assumes the role revision-notice-document-source-enterprise-defense-logistics--assigned-identification-code (NORCAG300).
- b. Attribute document-alphanumeric-identifier (DOCTNUM020) inherited from Table 022 assumes the role revision-notice-document-alphanumeric-identifier (NORNUM300).
- c. Attribute document-type-code (DOCTYP010) inherited from Table 022 assumes the role revision-notice-document-type-code (NORTYP300).

Code	Data Element Title	DED	Key
NORCAG300	revision-notice-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
NORNUM300	revision-notice-document-alphanumeric-identifier	0003	FK
NORTYP300	revision-notice-document-type-code	0004	FK
ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK

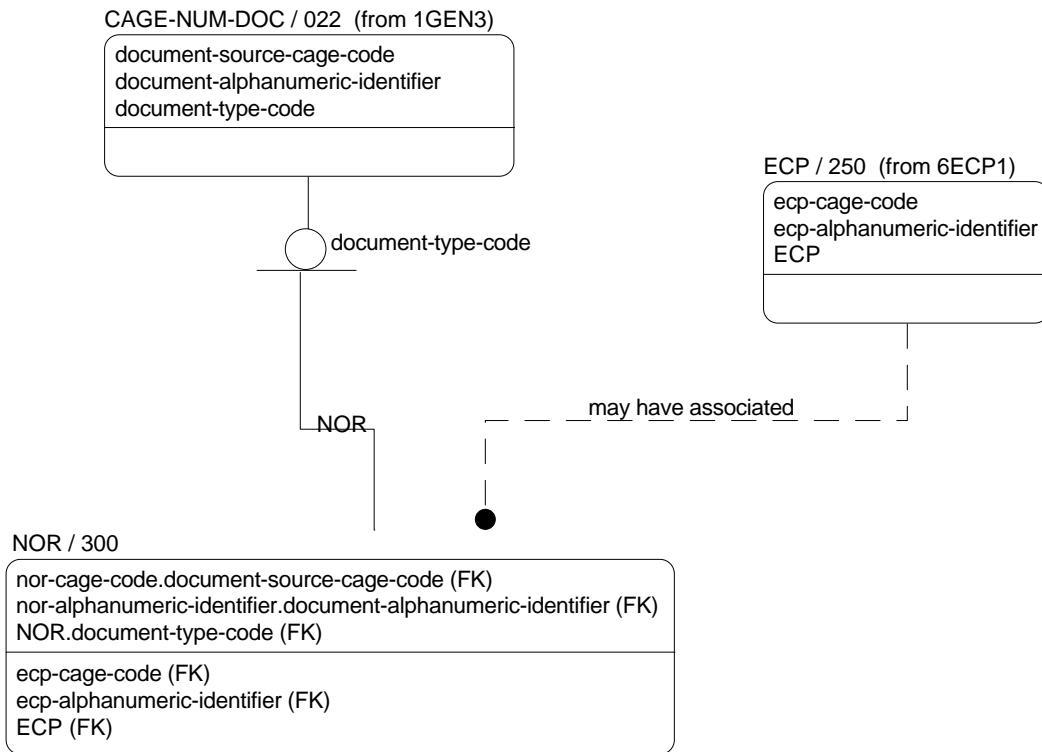


FIGURE 07NOR1
NOTICE OF REVISION (NOR) DEFINITION

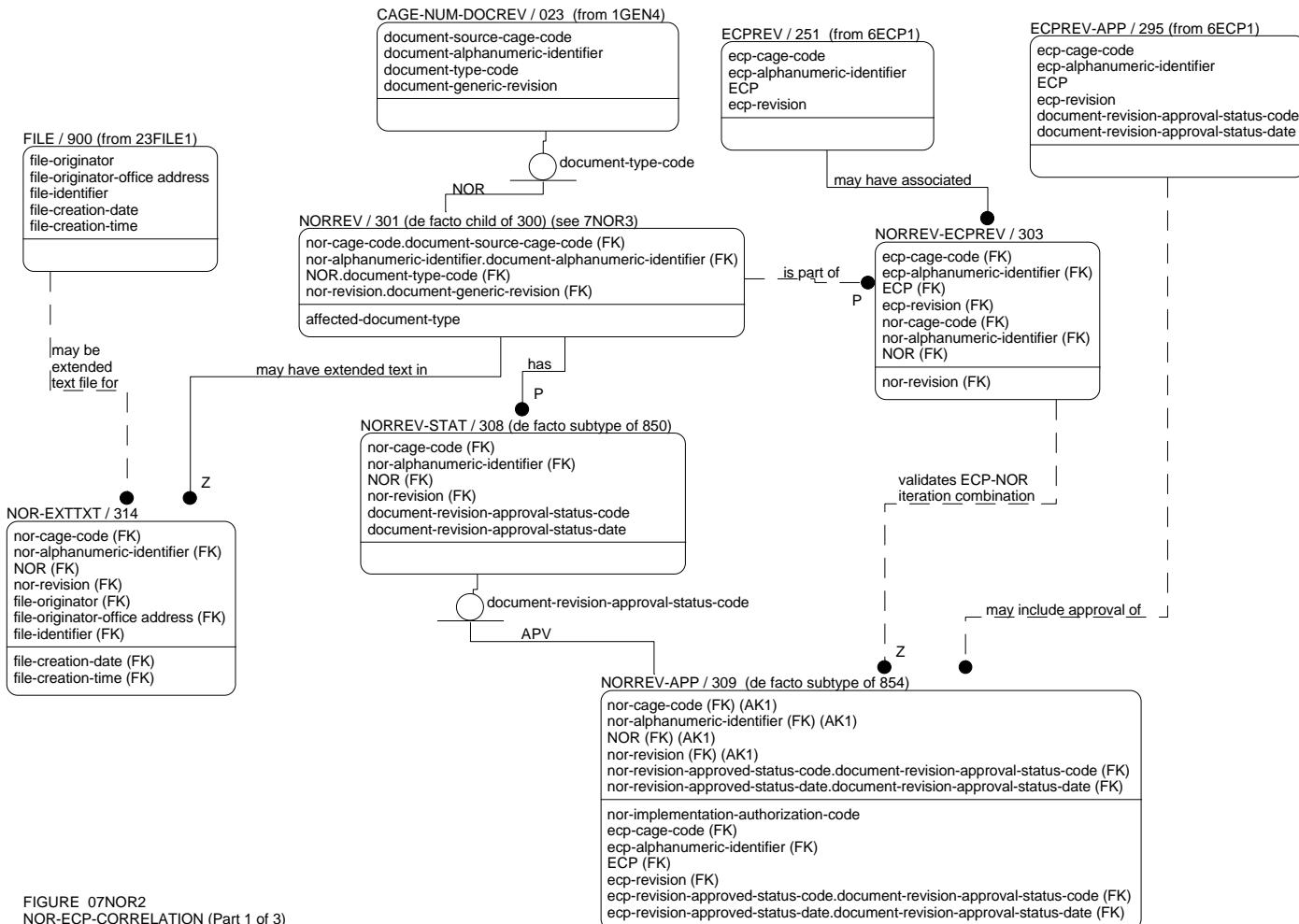


FIGURE 07NOR2
NOR-ECP-CORRELATION (Part 1 of 3)

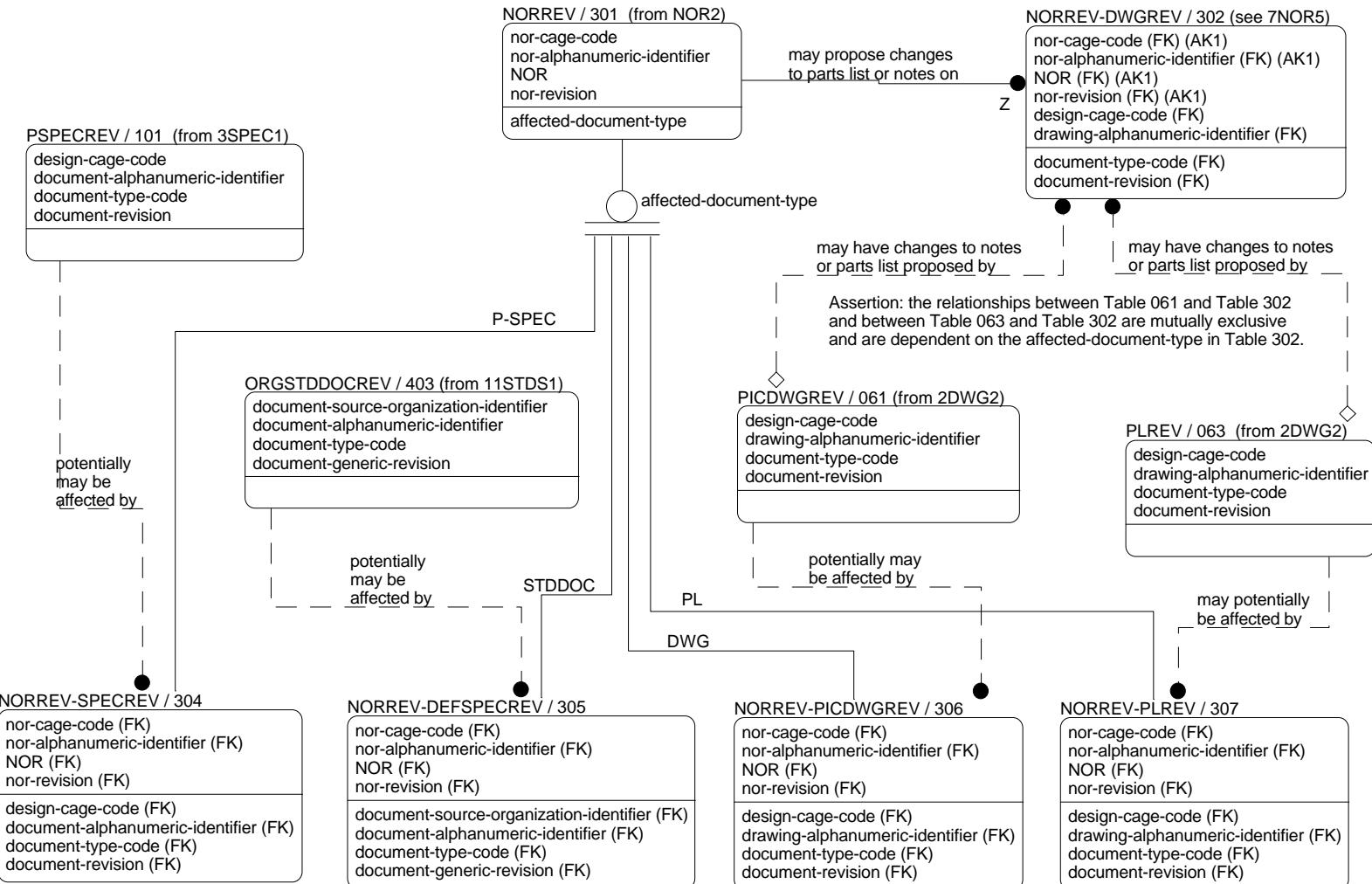


FIGURE 07NOR3
NOR-ECP-DOCUMENT CORRELATION (ECP/NOR: as prepared) (Part 2 of 3)

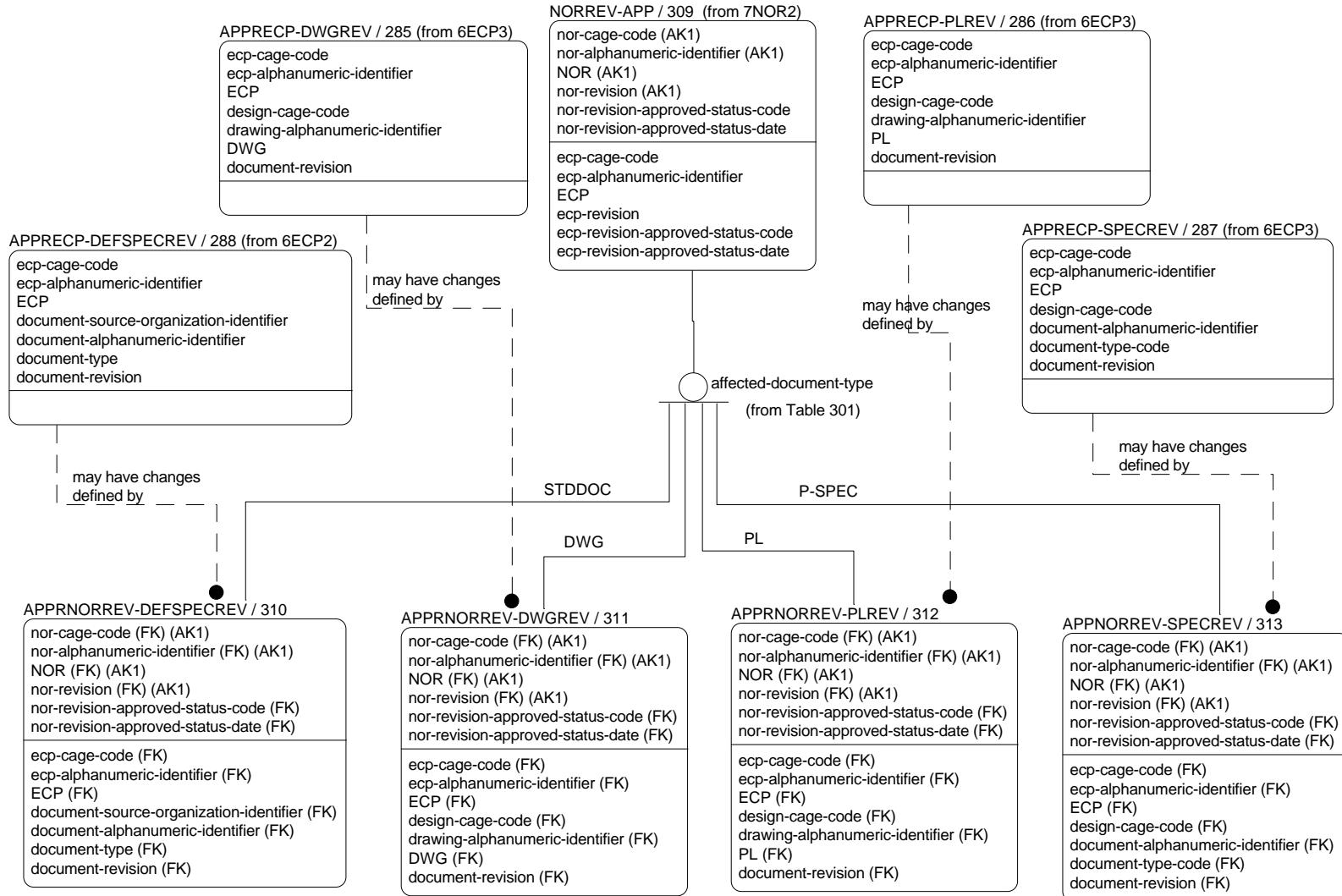


FIGURE 07NOR4
NOR-ECP-DOCUMENT CORRELATION (Part 3 of 3)
(ECP/NOR: as approved)

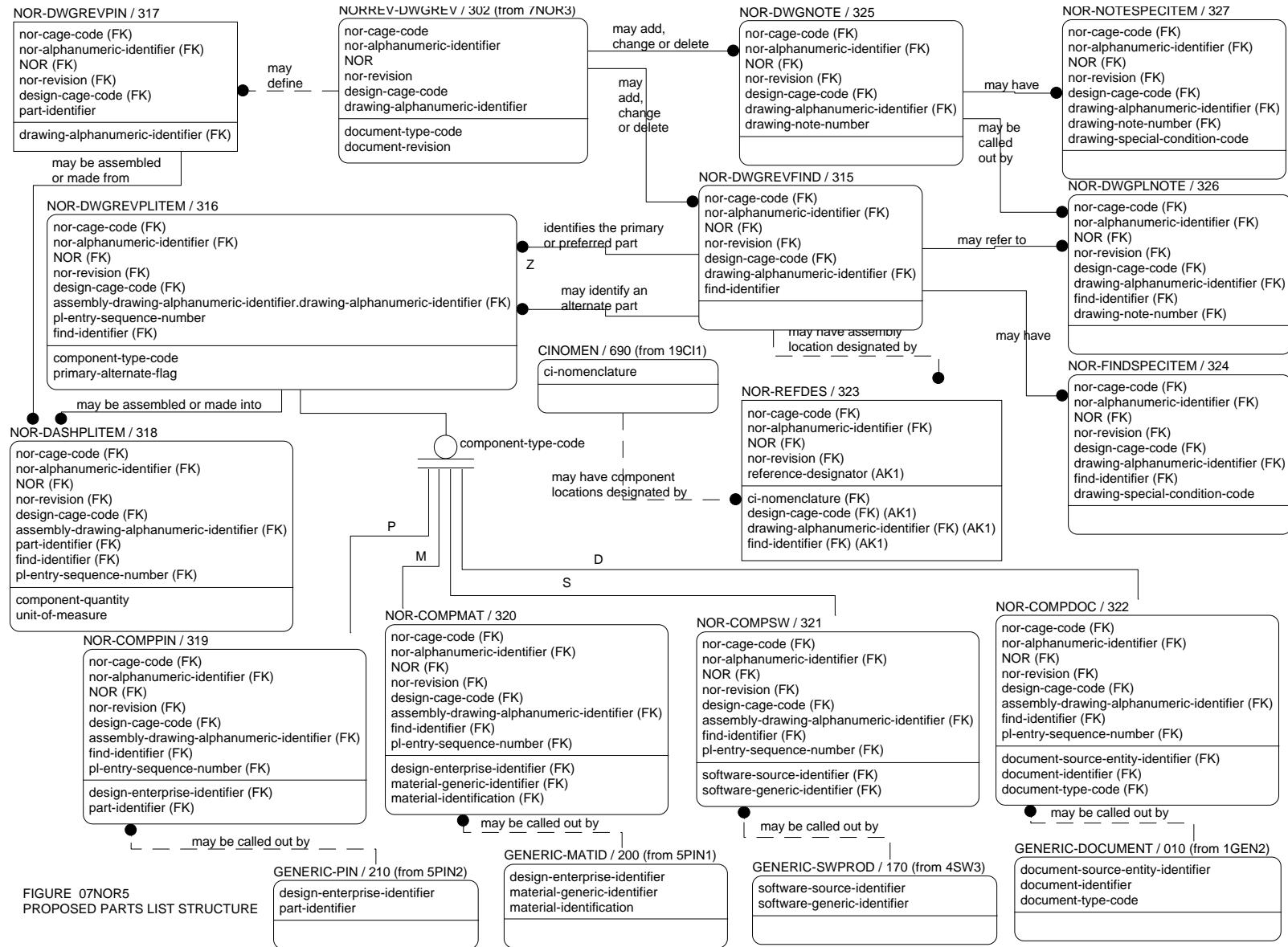


FIGURE 07NOR5
PROPOSED PARTS LIST STRUCTURE

MIL-STD-2549
APPENDIX B

B.5.7.2. Table 301, Notice of revision revisions (NORREV). This table is one subtype of Table CAGE-NUM-DOCREV/023 for the case where the value of document-type-code (DOCTYP010) in Table 023 is 'NOR'. It contains the revision history of the NOR during its life cycle. This table has four subtypes: NORREV-SPECREV/304, NORREV-MILSPEC/305, NORREV-DWGREV/306, and NORREV-PLREV/307.

- a. Due to parallel categorization, this table is a de facto child of Table NOR/300.
- b. Because this table is a de facto child of Table 300, document-source-enterprise-defense-logistics--assigned-identification-code (SRCCAG022) inherited from Table 023 is really a revision-notice-document-source-enterprise-defense-logistics--assigned-identification-code (NORCAG300) existing in Table 300. Therefore, SRCCAG022 assumes the identity NORCAG300.
- c. Because this table is a de facto child of Table 300, document-alphanumeric-identifier (DOCNUM020) inherited from Table 023 is really a revision-notice-document-alphanumeric-identifier (NORNUM300) existing in Table 300. Therefore, DOCNUM020 assumes the identity NORNUM300.
- d. Attribute document-generic-revision-identifier (DOCREV011) inherited from Table 023 assumes the role revision-notice-document-alphanumeric-revision-identifier (NORREV301).
- e. Because this table is a de facto child of Table 300, document-type-code (DOCTYP010) inherited from Table 023 is really a revision-notice-document-type-code (NORTYP300) existing in Table 300. Therefore, DOCTYP010 assumes the identity NORTYP300.

Code	Data Element Title	DED	Key
NORCAG300	revision-notice-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
NORNUM300	revision-notice-document-alphanumeric-identifier	0003	FK
NORREV301	revision-notice-document-alphanumeric-revision-identifier	0009	FK
NORTYP300	revision-notice-document-type-code	0004	FK
ADOCTY301	affected-document-type-code	0004	M
SGMCHG301	standard-generalized-markup-language-document-specific-proposed-changes-field-identifier	0118	

B.5.7.3. Table 302, Correlation of NOR to drawing with parts list and/or note changes (NORREV-DWGREV). This table correlates a NOR revision to either a parts list drawing or a graphical drawing with an integral parts list. It is used only when the NOR is proposing changes to the notes on the drawing or to the parts list contents and these changes need to be captured discretely to allow for automated update of the drawing upon approval.

- a. The document-type-code (DOCTYP010) inherited from either Table PICDWGREV/061 or PLREV/063 must be either 'DWG' or 'PL' and must be the same as the affected-document-type-code (ADOCTY301) in Table 301.

Code	Data Element Title	DED	Key
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DWGNUM050	engineering-drawing-document-alphanumeric-identifier	0003	FK

MIL-STD-2549
APPENDIX B

NORCAG300	revision-notice-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK, AK1
NORNUM300	revision-notice-document-alphanumeric-identifier	0003	FK, AK1
NORREV301	revision-notice-document-alphanumeric-revision-identifier	0009	FK, AK1
NORTYP300	revision-notice-document-type-code	0004	FK, AK1
DOCREV051	document-alphanumeric-revision-identifier	0009	FK
DOCTYP010	document-type-code	0004	FK

B.5.7.4. Table 303, Correlation of notice of revision revisions to engineering change proposal revisions (NORREV-ECPREV). This table correlates ECP revisions with NOR revisions.

- a. For each instance in this table, the values of the combination of the engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code (ECPCAG250) and the engineering-change-proposal-document-alphanumeric-identifier (ECPNUM250) in this table must be the same as the values of the same-named fields in Table 300 for the parent instance (combination of revision-notice-document-source-enterprise-defense-logistics--assigned-identification-code [NORCAG300] and revision-notice-document-alphanumeric-identifier [NORNUM300]).

Code	Data Element Title	DED	Key
ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK
ECPREV251	engineering-change-proposal-document-alphanumeric-revision-identifier	0009	FK
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK
NORCAG300	revision-notice-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
NORNUM300	revision-notice-document-alphanumeric-identifier	0003	FK
NORTYP300	revision-notice-document-type-code	0004	FK
NORREV301	revision-notice-document-alphanumeric-revision-identifier	0009	FK

B.5.7.5. Table 304, Correlation of a NOR revision to the program specification which it impacts (NORREV-SPECREV). This table is a subtype of Table NORREV/301 which contains the subset of NORs which includes only those NOR revisions which propose changing program-unique specifications (and, therefore, the value of affected-document-type-code [ADOCTY301] in Table 301 must be 'SPEC'). It correlates the NOR revision to the program-unique specification revision which it is proposing to change.

- a. There must be at least one common entry in Table 303 for the combination of the values of engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code (ECPCAG250), engineering-change-proposal-document-alphanumeric-identifier (ECPNUM250), engineering-change-proposal-document-revision-identifier (ECPREV251), revision-notice-document-source-enterprise-defense-logistics--assigned-identification-code (NORCAG300), revision-notice-document-alphanumeric-identifier (NORNUM300), and revision-notice-document-revision-identifier

MIL-STD-2549
APPENDIX B

(NORREV301) when traced through the path Table 304 to Table 301 to Table 303 and through the path Table 304 to Table 101 to Table 266 to Table 251 to Table 303.

- b. For each instance in this table, the value of document-current-change-control-authority-identifier (CCCENT010) in Table 010 must be the same for both the NOR (NORCAG300 + NORNUM300 + NORTYP300) and the program-unique specification (DESCAG100 + DOCNUM020 + DOCTYP010) it is proposing to change.

Code	Data Element Title	DED	Key
NORCAG300	revision-notice-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
NORNUM300	revision-notice-document-alphanumeric-identifier	0003	FK
NORREV301	revision-notice-document-alphanumeric-revision-identifier	0009	FK
NORTYP300	revision-notice-document-type-code	0004	FK
DESCAG100	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCREV101	document-alphanumeric-revision-identifier	0009	FK
DOCTYP010	document-type-code	0004	FK

B.5.7.6. Table 305, Correlation of NOR revision to the defense specification which it impacts (NORREV-DEFSPECREV). This table is a subtype of Table NORREV/301 which contains the subset of NORs which includes only those NOR revisions which propose changing defense specifications (and, therefore, the value of affected-document-type-code [ADOCTY301] in Table 301 must be 'STDDOC'). It correlates the NOR revision to the defense specification revision which it is proposing to change.

- a. There must be at least one common entry in Table 303 for the combination of the values of engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code (ECPAG250), engineering-change-proposal-document-alphanumeric-identifier (ECPNUM250), engineering-change-proposal-document-revision-identifier (ECPREV251), revision-notice-document-source-enterprise-defense-logistics--assigned-identification-code (NORCAG300), revision-notice-document-alphanumeric-identifier (NORNUM300), and revision-notice-document-revision-identifier (NORREV301) when traced through the path Table 307 to Table 301 to Table 303 and through the path Table 307 to Table 066 to Table 051 to Table 266 to Table 251 to Table 303.
- b. The combination of values of document-source-organization-identifier (SRCORG024), document-alphanumeric-identifier (DOCNUM020), and document-type-code (DOCTYP010) inherited from Table 403 must exist in Table 412.
- c. For each instance in this table, the value of document-current-change-control-authority-identifier (CCCENT010) in Table 010 must be the same for both the NOR (NORCAG300 + NORNUM300 + NORTYP300) and the defense specification (SRCORG024 + DOCNUM020 + DOCTYP010) it is proposing to change.

MIL-STD-2549
APPENDIX B

Code	Data Element Title	DED	Key
NORCAG300	revision-notice-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
NORNUM300	revision-notice-document-alphanumeric-identifier	0003	FK
NORREV301	revision-notice-document-alphanumeric-revision-identifier	0009	FK
NORTYP300	revision-notice-document-type-code	0004	FK
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCREV011	document-generic-revision-identifier	0243	FK
DOCTYP010	document-type-code	0004	FK
SRCORG024	document-source-organization-identifier	0096	FK

B.5.7.7. Table 306, Correlation of NOR revision to the engineering drawing which it impacts (NORREV-DWGREV). This table is a subtype of Table NORREV/301 which contains the subset of NORs which includes only those NOR revisions which propose changing engineering drawings (and, therefore, the value of affected-document-type-code [ADOCTY301] in Table 301 must be 'DWG'). It correlates the NOR revision to the engineering drawing revision which it is proposing to change.

- a. There must be at least one common entry in Table 303 for the combination of the values of engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code (EPCAG250), engineering-change-proposal-document-alphanumeric-identifier (ECPNUM250), engineering-change-proposal-document-revision-identifier (ECPREV251), revision-notice-document-source-enterprise-defense-logistics--assigned-identification-code (NORCAG300), revision-notice-document-alphanumeric-identifier (NORNUM300), and revision-notice-document-revision-identifier (NORREV301) when traced through the path Table 306 to Table 301 to Table 303 and through the path Table 306 to Table 065 to Table 051 to Table 266 to Table 251 to Table 303.
- b. For each instance in this table, the value of document-current-change-control-authority-identifier (CCCENT010) in Table 010 must be the same for both the NOR (NORCAG300 + NORNUM300 + NORTYP300) and the engineering drawing (DESCAG050 + DWGNUM050 + DOCTYP010) it is proposing to change.

Code	Data Element Title	DED	Key
NORCAG300	revision-notice-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
NORNUM300	revision-notice-document-alphanumeric-identifier	0003	FK
NORREV301	revision-notice-document-alphanumeric-revision-identifier	0009	FK
NORTYP300	revision-notice-document-type-code	0004	FK
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DOCREV051	document-alphanumeric-revision-identifier	0009	FK
DOCTYP010	document-type-code	0004	FK
DWGNUM050	engineering-drawing-document-alphanumeric-identifier	0003	FK

MIL-STD-2549
APPENDIX B

B.5.7.8. Table 307, Correlation of NOR revision to the parts list drawing it impacts (NORREV-PLREV). This table is a subtype of Table NORREV/301 which contains the subset of NORs which includes only those NOR revisions which propose changing parts list drawing (and, therefore, the value of affected-document-type-code [ADOCTY301] in Table 301 must be 'PL'). It correlates the NOR revision to the parts list drawing revision which it is proposing to change.

- a. There must be at least one common entry in Table 303 for the combination of the values of engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code (EPCAG250), engineering-change-proposal-document-alphanumeric-identifier (ECPNUM250), engineering-change-proposal-document-revision-identifier (ECPREV251), revision-notice-document-source-enterprise-defense-logistics--assigned-identification-code (NORCAG300), revision-notice-document-alphanumeric-identifier (NORNUM300), and revision-notice-document-revision-identifier (NORREV301) when traced through the path Table 307 to Table 301 to Table 303 and through the path Table 307 to Table 066 to Table 051 to Table 266 to Table 251 to Table 303.
- b. For each instance in this table, the value of document-current-change-control-authority-identifier (CCCENT010) in Table 010 must be the same for both the NOR (NORCAG300 + NORNUM300 + NORTYP300) and the parts list drawing (DESCAG100 + DOCNUM020 + DOCTYP010) it is proposing to change.

Code	Data Element Title	DED	Key
NORCAG300	revision-notice-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
NORNUM300	revision-notice-document-alphanumeric-identifier	0003	FK
NORREV301	revision-notice-document-alphanumeric-revision-identifier	0009	FK
NORTYP300	revision-notice-document-type-code	0004	FK
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DOCREV051	document-alphanumeric-revision-identifier	0009	FK
DOCTYP010	document-type-code	0004	FK
DWGNUM050	engineering-drawing-document-alphanumeric-identifier	0003	FK

B.5.7.9. Table 308, NOR approval process status (NORREVSTAT). This table contains the status of a NOR revision as it is processed through the approval process by the CDCA of the document(s) impacted by the ECP with which it is associated. Although not shown, it can be proven that the series of subtype relationships between Table GENERIC-DOCREV/011 and this table also exist between Table DOCREVSTAT/850 and this table. Therefore, Table 308 is a de facto subtype of Table 850, and all the data elements, rules, and relationships of Table 850 apply.

- a. Because this table is a de facto subtype of Table 850, revision-notice-document-source-enterprise-defense-logistics--assigned-identification-code (NORCAG300) inherited from Table 301 is really a document-source-entity-identifier (SRCIDN010) existing in Table 850.
- b. Because this table is a de facto subtype of Table 850, revision-notice-document-alphanumeric-identifier (NORNUM300) inherited from Table 301 is really a document-identifier (DOCIDN010) existing in Table 850.

MIL-STD-2549
APPENDIX B

- c. Because this table is a de facto subtype of Table 850, revision-notice-document-alphanumeric-revision-identifier (NORREV301) inherited from Table 301 is really a document-generic-revision-identifier (DOCREV011) existing in Table 850.
- d. Because this table is a de facto subtype of Table 850, revision-notice-document-type-code (NORTYP300) inherited from Table 301 is really a document-type-code (DOCTYP010) existing in Table 850.

Code	Data Element Title	DED	Key
NORCAG300	revision-notice-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
NORNUM300	revision-notice-document-alphanumeric-identifier	0003	FK
NORREV301	revision-notice-document-alphanumeric-revision-identifier	0009	FK
NORTYP300	revision-notice-document-type-code	0004	FK
REVSTA850	document-revision-approval-process-disposition-status-code	0021	FK
STADAT850	document-revision-approval-process-disposition-status-date	0082	FK

B.5.7.10. Table 309, Approved NORs (NORREV-APP). This table is one subtype of NORREVSTAT/308 which contains the subset of the contents of Table 308 consisting of those documents which are approved NORs; therefore, the value of revision-notice-document-revision-approval-process-disposition-status-code must be 'APP'. Although not shown, it can be proven that the series of subtype relationships between Table GENERIC-DOCREV/011 and this table also exist between Table DOCREV-APP/854 and this table. Therefore, Table 309 is a de facto subtype of Table 854, and all the data elements, rules and relationships of Table 854 apply (revision-notice-document-source-enterprise defense-logistics--assigned identification-code [NORCAG300], revision-notice-document-alphanumeric-identifier [NORNUM300], and revision-notice-document-type-code [NORTYP300] inherited from Tables 303 and 308, and revision-notice-document-alphanumeric-revision-identifier [NORREV301] inherited from Table 308 are one case of a document-source-entity-identifier [SRCIDN010], document-identifier [DOCIDN010], document-type-code [DOCTYP010], and document-generic-revision-identifier [DOCREV011], respectively, in Table 854). This table is singled out in the data model due to the unique relationships associated with it.

- a. The revision-notice-document-implementation-authorization-code (IMPCOD309) indicates the decision by the CDCA in its role as a tasking activity as to whether or not its performing activities may use the NOR prior to incorporation of the NOR into the document (see also, Table 863).
- b. Attribute document-revision-approval-process-disposition-status-date (STADAT850) inherited from Table 295 assumes the role engineering-change-proposal-document-revision-approval-process-approval-disposition-status-date (ECPDAT309).
- c. Attribute document-revision-approval-process-disposition-status-code (REVSTA850) inherited from Table 295 assumes the role engineering-change-proposal-document-revision-approval-process-approved-disposition-status-code (ECPSTA309).
- d. Because this table is a de facto subtype of Table 854, the value of document-revision-approval-process-disposition-status-date (STADAT850) inherited from Table 308 must exist as a document-revision-approval-process-disposition-status-date (STADAT850) in Table 854. STADAT850 assumes the role revision-notice-document-revision-approval-process-approved-disposition-status-date (NORDAT309).

MIL-STD-2549
APPENDIX B

- e. Because this table is a de facto subtype of Table 854, revision-notice-document-alphanumeric-revision-identifier (NORREV301) inherited from Table 308 is really a document-generic-revision-identifier (DOCREV011) existing in Table 854.
- f. Because this table is a de facto subtype of Table 854, the value of document-revision-approval-process-disposition-status-code (REVSTA850) inherited from Table 308 must exist as a document-revision-approval-process-disposition-status-code (REVSTA850) in Table 854. REVSTA850 assumes the role revision-notice-document-revision-approval-process-approved-disposition-status-code (NORSTA309).

Code	Data Element Title	DED	Key
NORCAG300	revision-notice-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK, AK1
NORDAT309	revision-notice-document-revision-approval-process-approved-disposition-status-date	0082	FK
NORNUM300	revision-notice-document-alphanumeric-identifier	0003	FK, AK1
NORREV301	revision-notice-document-alphanumeric-revision-identifier	0009	FK, AK1
NORSTA309	revision-notice-document-revision-approval-process-approved-disposition-status-code	0021	FK
NORTYP300	revision-notice-document-type-code	0004	FK, AK1
ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPDAT309	engineering-change-proposal-document-revision-approval-process-approval-disposition-status-date	0082	FK
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK
ECPREV251	engineering-change-proposal-document-alphanumeric-revision-identifier	0009	FK
ECPSTA309	engineering-change-proposal-document-revision-approval-process-approved-disposition-status-code	0021	FK
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK
IMPCOD309	revision-notice-document-implementation-authorization-code	0176	M

B.5.7.11. Table 310, Correlation of approved NOR with defense specification new revision (APPNORREV-DEFSPECREV). This table is a subtype of Table NORREV-APP/309 which contains the subset of approved NORs which includes only those NOR revisions which have been approved, are associated with an approved ECP, and propose changing defense specifications (and, therefore, the value of affected-document-type-code [ADOCTY301] in Table 301 must be 'STDDOC'). It correlates the NOR revision to the defense specification revision which is assigned as a result of this approved change.

- a. The combination of values of engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code (ECPCAG250), engineering-change-proposal-document-alphanumeric-identifier (ECPNUM250), and engineering-change-proposal-document-type-code (ECPTYP251) must be the same as in Table 309.
- b. Due to parallel categorization, the combination of the values of document-source-organization-identifier (SRCORG024), document-alphanumeric-identifier (DOCNUM020), and document-type-code (DOCTYP010) must be the same as the same-named fields in Table 305 for this combination of the values

MIL-STD-2549
APPENDIX B

of revision-notice-document-source-enterprise-defense-logistics--assigned-identification (NORCAG300), revision-notice-document-alphanumeric-identifier (NORNUM300), and revision-notice-document-type-code (NORTYP300).

- c. The value of document-revision-identifier (DOCREV011) in this table cannot be the same as the value of the corresponding instance of document-revision-identifier (DOCREV011) in Table 305 because the former value is the revision level of the defense specification as the result of approval of this ECP / NOR, and the latter value is the revision level of the defense specification before the change is approved.

Code	Data Element Title	DED	Key
NORCAG300	revision-notice-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK, AK1
NORDAT309	revision-notice-document-revision-approval-process-approved-disposition-status-date	0082	FK
NORNUM300	revision-notice-document-alphanumeric-identifier	0003	FK, AK1
NORREV301	revision-notice-document-alphanumeric-revision-identifier	0009	FK, AK1
NORSTA309	revision-notice-document-revision-approval-process-approved-disposition-status-code	0021	FK
NORTYP300	revision-notice-document-type-code	0004	FK, AK1
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCREV011	document-generic-revision-identifier	0243	FK
DOCTYP010	document-type-code	0004	FK
ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK
SRCORG024	document-source-organization-identifier	0096	FK

B.5.7.12. Table 311, Correlation of approved NOR with engineering drawing new revision (APPNORREV-DWGREV). This table is a subtype of Table NORREV-APP/309 which contains the subset of approved NORs which includes only those NOR revisions which have been approved, are associated with an approved ECP, and propose changing engineering drawings (and, therefore, the value of affected-document-type-code [ADOCTY301] in Table 301 must be 'DWG'). It correlates the NOR revision to the engineering drawing revision which is assigned as a result of this approved change.

- a. The combination of values of engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code (ECPCAG250), engineering-change-proposal-document-alphanumeric-identifier (ECPNUM250), and engineering-change-proposal-document-type-code (ECPTYP251) must be the same as in Table 309.
- b. Due to parallel categorization, the combination of the values of design-enterprise-defense-logistics--assigned-identification-code (DESCAG271), engineering-drawing-document-alphanumeric-identifier (DWGNUM050), and document-type-code (DOCTYP010) must be the same as the same-named fields in Table 306 for this combination of the values of revision-notice-document-source-enterprise-defense-logistics--assigned-identification (NORCAG300), revision-notice-document-alphanumeric-identifier (NORNUM300), and revision-notice-document-type-code (NORTYP300).

MIL-STD-2549
APPENDIX B

- c. The value of document-revision-identifier (DOCREV011) in this table cannot be the same as the value of the corresponding instance of document-revision-identifier (DOCREV011) in Table 306 because the former value is the revision level of the engineering drawing as the result of approval of this ECP/NOR, and the latter value is the revision level of the engineering drawing before the change is approved.

Code	Data Element Title	DED	Key
NORCAG300	revision-notice-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK, AK1
NORDAT309	revision-notice-document-revision-approval-process-approved-disposition-status-date	0082	FK
NORNUM300	revision-notice-document-alphanumeric-identifier	0003	FK, AK1
NORREV301	revision-notice-document-alphanumeric-revision-identifier	0009	FK, AK1
NORSTA309	revision-notice-document-revision-approval-process-approved-disposition-status-code	0021	FK
NORTYP300	revision-notice-document-type-code	0004	FK, AK1
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DOCREV051	document-alphanumeric-revision-identifier	0009	FK
DWGNUM050	engineering-drawing-document-alphanumeric-identifier	0003	FK
DWGTYP285	engineering-drawing-document-type-code	0004	FK
ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK

B.5.7.13. Table 312, Correlation of approved NOR with parts list drawing new revision (APPNORREV-PLREV). This table is a subtype of Table NORREV-APP/309 which contains the subset of approved NORs which includes only those NOR revisions which have been approved, are associated with an approved ECP, and propose changing parts list drawings (and, therefore, the value of affected-document-type-code [ADOCTY301] in Table 301 must be 'PL'). It correlates the NOR revision to the parts list drawing revision which is assigned as a result of this approved change.

- a. The combination of values of engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code (ECPCAG250), engineering-change-proposal-document-alphanumeric-identifier (ECPNUM250), and engineering-change-proposal-document-type-code (ECPTYP251) must be the same as in Table 309.
- b. Due to parallel categorization, the combination of the values of design-enterprise-defense-logistics--assigned-identification-code (DESCAG050), engineering-drawing-document-alphanumeric-identifier (DWGNUM050), and parts-list-drawing-document-type-code (PLTYPE286) must be the same as the comparable fields in Table 307 for this combination of the values of revision-notice-document-source-enterprise-defense-logistics--assigned-identification (NORCAG300), revision-notice-document-alphanumeric-identifier (NORNUM300), and revision-notice-document-type-code (NORTYP300).

MIL-STD-2549
APPENDIX B

- c. The value of document-revision-identifier (DOCREV011) in this table cannot be the same as the value of the corresponding instance of document-revision-identifier (DOCREV011) in Table 307 because the former value is the revision level of the parts list drawing as the result of approval of this ECP/NOR, and the latter value is the revision level of the parts list drawing before the change is approved.

Code	Data Element Title	DED	Key
NORCAG300	revision-notice-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK, AK1
NORDAT309	revision-notice-document-revision-approval-process-approved-disposition-status-date	0082	FK
NORNUM300	revision-notice-document-alphanumeric-identifier	0003	FK, AK1
NORREV301	revision-notice-document-alphanumeric-revision-identifier	0009	FK, AK1
NORSTA309	revision-notice-document-revision-approval-process-approved-disposition-status-code	0021	FK
NORTYP300	revision-notice-document-type-code	0004	FK, AK1
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DOCREV051	document-alphanumeric-revision-identifier	0009	FK
DWGNUM050	engineering-drawing-document-alphanumeric-identifier	0003	FK
ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK
PLTYPE286	parts-list-drawing-document-type-code	0004	FK

B.5.7.14. Table 313, Correlation of approved NOR with program specification new revision (APPNORREV-SPECREV). This table is a subtype of Table NORREV-APP/309 which contains the subset of approved NORs which includes only those NOR revisions which have been approved, are associated with an approved ECP, and propose changing program-unique specifications (and therefore, the value of affected-document-type-code [ADOCTY301] in Table 301 must be 'SPEC'). It correlates the NOR revision to the program-unique specification revision which is assigned as a result of this approved change.

- a. The combination of the values of engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code (ECPCAG250), engineering-change-proposal-document-alphanumeric-identifier (ECPNUM250), and engineering-change-proposal-document-type-code (ECPTYP251) must be the same as in Table 309.
- b. Due to parallel categorization, the combination of the values of design-enterprise-defense-logistics--assigned-identification-code (DESCAG100), document-alphanumeric-identifier (DOCTYP010), and document-type-code (DOCTYP010) must be the same as the same fields in Table 304 for this combination of the values of revision-notice-document-source-enterprise-defense-logistics--assigned-identification (NORCAG300), revision-notice-document-alphanumeric-identifier (NORNUM300), and revision-notice-document-type-code (NORTYP300).
- c. The value of document-revision-identifier (DOCREV011) in this table cannot be the same as the value of the corresponding instance of document-revision-identifier (DOCREV011) in Table 304 because the

MIL-STD-2549
APPENDIX B

former value is the revision level of the program-unique specification as the result of approval of this ECP/NOR, and the latter value is the revision level of the program-unique specification before the change is approved.

Code	Data Element Title	DED	Key
NORCAG300	revision-notice-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK, AK1
NORDAT309	revision-notice-document-revision-approval-process-approved-disposition-status-date	0082	FK
NORNUM300	revision-notice-document-alphanumeric-identifier	0003	FK, AK1
NORREV301	revision-notice-document-alphanumeric-revision-identifier	0009	FK, AK1
NORSTA309	revision-notice-document-revision-approval-process-approved-disposition-status-code	0021	FK
NORTYP300	revision-notice-document-type-code	0004	FK, AK1
DESCAG100	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCREV101	document-alphanumeric-revision-identifier	0009	FK
DOCTYP010	document-type-code	0004	FK
ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK

B.5.7.15. Table 314, NOR text file (NOR-EXTXT). This table identifies the file which contains the extended text to which the SGML tags in Table 301 refer.

- a. The combination of file-originator-human-name (FILORG900), electronic-document-file-identifier (FILIDN900) and enterprise-file-origination-office-address-text (FILADD900) can be associated with only one combination of revision-notice-document-source-enterprise-defense-logistics--assigned-identification-code (NORCAG300), revision-notice-proposal-document-alphanumeric-identifier (NORNUM300), and revision-notice-proposal-document-alphanumeric-revision-identifier (NORREV251).

Code	Data Element Title	DED	Key
FILADD900	enterprise-file-origination-office-address-text	0081	FK
FILIDN900	electronic-document-file-identifier	0206	FK
FILORG900	file-originator-human-name	0069	FK
NORCAG300	revision-notice-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
NORNUM300	revision-notice-document-alphanumeric-identifier	0003	FK
NORREV301	revision-notice-document-alphanumeric-revision-identifier	0009	FK
NORTYP300	revision-notice-document-type-code	0004	FK
FILDAT900	electronic-document-file-creation-date	0082	FK
FILTIM900	electronic-document-file-creation-time	0160	FK

MIL-STD-2549
APPENDIX B

B.5.7.16. Table 315, Proposed changes to find numbers (NOR-DWGREVFINd). This table identifies additions deletions of find numbers from an integral or separate parts list.

- a. The value of engineering-drawing-document-proposed-entry-change-type (CHGTYPE315) must be 'A', 'D', or 'N'.
- b. If the value of the CHGTYPE315 is 'D' or 'N', the combination of values of design-enterprise-defense-logistics--assigned-identification-code (DESCAG050), engineering-drawing-document-alphanumeric-identifier (DWGNUM050), document-type-code (DOCTYP010 in parent instance in Table 302), document-alphanumeric-revision-identifier (DOCREV051 in parent instance in Table 302), and parts-list-document-item-identifier (FINDID315) must exist in the corresponding fields in an instance in Table 219.

Code	Data Element Title	DED	Key
FINDID315	parts-list-document-item-identifier	0027	K
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DWGNUM050	engineering-drawing-document-alphanumeric-identifier	0003	FK
NORCAG300	revision-notice-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
NORNUM300	revision-notice-document-alphanumeric-identifier	0003	FK
NORREV301	revision-notice-document-alphanumeric-revision-identifier	0009	FK
NORTYP300	revision-notice-document-type-code	0004	FK
CHGTYPE315	engineering-drawing-document-proposed-entry-change-type-code	0260	M

B.5.7.17. Table 316, Proposed changes to parts list line items (NOR-DWGREVPLITEM). This table contains the proposed additions, deletions and changes of part list line items.

- a. The value of the engineering-drawing-document-proposed-entry-change-type-code (CHGTYPE316) must be 'A', 'C', or 'D' only. (The value 'C' addresses changes either in this table, or in one of the four component subtype tables.)
- b. If the value of CHGTYPE316 is 'C' or 'D', then the combination of values of design-enterprise-defense-logistics--assigned-identification-code (DESCAG050), assembly-engineering-drawing-document-identifier (ASSYNO316), document-type-code (DOCTYP010 in parent instance of Table 302), document-alphanumeric-revision-identifier (DOCREV051 in parent instance of Table 302), parts-list-document-item-identifier (FINDID315), and document-parts-list-entry-sequence-identifier (PLSEQN316) must exist in the corresponding fields in an instance in Table 224.
- c. Attribute engineering-drawing-document-alphanumeric-identifier (DWGNUM050) inherited from Table 302 and engineering-drawing-document-alphanumeric-identifier (DWGNUM050) inherited from Table 315 must have the same value and merge to assume the role assembly-engineering-drawing-document-alphanumeric-identifier (ASSYNO316).

MIL-STD-2549
APPENDIX B

Code	Data Element Title	DED	Key
PLSEQN316	document-parts-list-entry-sequence-identifier	0259	K
ASSYNO316	assembly-engineering-drawing-document-alphanumeric-identifier	0003	FK
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
FINDID315	parts-list-document-item-identifier	0027	FK
NORCAG300	revision-notice-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
NORNUM300	revision-notice-document-alphanumeric-identifier	0003	FK
NORREV301	revision-notice-document-alphanumeric-revision-identifier	0009	FK
NORTYP300	revision-notice-document-type-code	0004	FK
ALTFLG316	document-parts-list-entry-priority-indicator-code	0258	M
CHGTYP316	engineering-drawing-document-proposed-entry-change-type-code	0260	M
COMPTY316	document-parts-list-entry-component-type-code	0241	M

B.5.7.18. Table 317, Proposed changes to defined parts (NOR-DWGREVPIN). This table identifies the proposed changes to parts defined by this drawing.

- a. The value of engineering-drawing-document-proposed-entry-change-type-code (CHGTYP317) must be 'A', 'D', or 'N'.
- b. If the value of CHGTYP317 is 'D' or 'N', then the combination of values of design-commercial-government-enterprise-identification-code (DESCAG050), part-product-identifier (PARNUM317), and document-alphanumeric-revision-identifier (DOCREV051 in the parent instance in Table 302) must exist in the corresponding fields in an instance in Table 054.

Code	Data Element Title	DED	Key
PARNUM317	part-product-identifier	0024	K
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
NORCAG300	revision-notice-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
NORNUM300	revision-notice-document-alphanumeric-identifier	0003	FK
NORREV301	revision-notice-document-alphanumeric-revision-identifier	0009	FK
NORTYP300	revision-notice-document-type-code	0004	FK
DWGNUM050	engineering-drawing-document-alphanumeric-identifier	0003	FK
CHGTYP317	engineering-drawing-document-proposed-change-type-code	0261	M

MIL-STD-2549
APPENDIX B

B.5.7.19. Table 318, Proposed changes to component quantities (NOR-DASHPLITEM). This table identifies proposed changes to the part list line item entry quantities and/or units of measure as they apply to a specific part number (dash number).

- a. The value of the engineering-drawing-document-proposed-entry-change-type-code (CHGTYP318) must be 'A', 'C', or 'D'.
- b. If the value of the CHGTYP318 is 'C' or 'D', then the combination of values of design-enterprise-defense-logistics--assigned-identification-code (DESCAG050), assembly-engineering-drawing-document-identifier (ASSYNO316), part-product-identifier (PARNUM217), parts-list-document-item-identifier (FINDID315), document-parts-list-entry-sequence-identifier (PLSEQN316), and document-alphanumeric-revision-identifier (DOCREV051 in parent instance of Table 302) must exist in the corresponding fields in an instance in Table 225.
- c. For any instance in this table, if the combination of the values of design-enterprise-defense-logistics--assigned-identification-code (DESCAG050) and part-product-identifier (PARNUM317) is the same as the combination of values of design-enterprise-identifier (DESENT210) and part-product-identifier (PARNUM210) in the subtype of the parent instance in Table 319, then the value of the assembly-part-component-quantity (QUANTY318) must be zero (0). (This rule is necessary to enforce the requirement that indentured parts lists form directed acyclic graphs.)
- d. If the value of document-parts-list-entry-component-type-code (COMPTY316) in Table 316 is 'P' or 'M', the value of QUANTY318 must be nonblank; if the value of COMPTY316 in Table 316 is 'S' or 'D', the value of QUANTY318 must be blank.
- e. If the value of QUANTY318 is nonblank and non-zero, the value of product-measurement-unit-code (UOMCOD318) must be nonblank; if the value of QUANTY318 is blank or zero (0), the value of UOMCOD318 must be blank.

Code	Data Element Title	DED	Key
ASSYNO316	assembly-engineering-drawing-document-alphanumeric-identifier	0003	FK
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
FINDID315	parts-list-document-item-identifier	0027	FK
NORCAG300	revision-notice-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
NORNUM300	revision-notice-document-alphanumeric-identifier	0003	FK
NORREV301	revision-notice-document-alphanumeric-revision-identifier	0009	FK
NORTYP300	revision-notice-document-type-code	0004	FK
PARNUM317	part-product-identifier	0024	FK
PLSEQN316	document-parts-list-entry-sequence-identifier	0259	FK
CHGTYP318	engineering-drawing-document-proposed-entry-change-type-code	0260	M
QUANTY318	assembly-part-component-quantity	0053	
UOMCOD318	product-measurement-unit-code	0054	

MIL-STD-2549
APPENDIX B

B.5.7.20. Table 319, Proposed changes of component parts (NOR-COMPPIN). This table is a subtype of Table NOR-DWGREVPLITEM/316 which proposes a change in the correlation of a parts list line item with a component part number.

- a. If the value of CHGTYP316 in Table 316 is 'D', then the combination of values of design-enterprise-defense-logistics--assigned-identification-code (DESCAG050), assembly-engineering-drawing-document-alphanumeric-identifier (ASSYNO316), parts-list-document-item-identifier (FINDID315), and document-parts-list-entry-sequence-identifier (PLSEQN316) must exist in the corresponding fields in an instance in Table 220.

Code	Data Element Title	DED	Key
ASSYNO316	assembly-engineering-drawing-document-alphanumeric-identifier	0003	FK
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
FINDID315	parts-list-document-item-identifier	0027	FK
NORCAG300	revision-notice-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
NORNUM300	revision-notice-document-alphanumeric-identifier	0003	FK
NORREV301	revision-notice-document-alphanumeric-revision-identifier	0009	FK
NORTYP300	revision-notice-document-type-code	0004	FK
PLSEQN316	document-parts-list-entry-sequence-identifier	0259	FK
DESENT210	design-enterprise-identifier	0052	FK
PARNUM210	part-product-identifier	0024	FK

B.5.7.21. Table 320, Proposed changes of component materials (NOR-COMPMAT). This table is a subtype of Table ECP-DWGREVPLITEM/316 which proposes a change in the correlation of a parts list line item with a component material (not identified by a part number).

- a. If the value of CHGTYP316 in Table 316 is 'D', then the combination of values of design-enterprise-defense-logistics--assigned-identification-code (DESCAG050), assembly-engineering-drawing-document-alphanumeric-identifier (ASSYNO316), parts-list-document-item-identifier (FINDID315), and document-parts-list-entry-sequence-identifier (PLSEQN316) must exist in the corresponding fields in an instance in Table 221.

Code	Data Element Title	DED	Key
ASSYNO316	assembly-engineering-drawing-document-alphanumeric-identifier	0003	FK
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
FINDID315	parts-list-document-item-identifier	0027	FK
NORCAG300	revision-notice-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
NORNUM300	revision-notice-document-alphanumeric-identifier	0003	FK
NORREV301	revision-notice-document-alphanumeric-revision-identifier	0009	FK
NORTYP300	revision-notice-document-type-code	0004	FK

MIL-STD-2549
APPENDIX B

PLSEQN316	document-parts-list-entry-sequence-identifier	0259	FK
DESENT200	design-enterprise-identifier	0052	FK
MATGID200	material-product-generic-identifier	0092	FK
MATIDN200	material-product-identifier	0038	FK

B.5.7.22. Table 321, Proposed changes of component software (NOR-COMPSW). This table is a subtype of Table ECP-DWGREVPLITEM/316 which proposes a change in the correlation of a parts list line item with a component software.

- a. If the value of CHGTYP316 in Table 316 is 'D', then the combination of values of design-enterprise-defense-logistics--assigned-identification-code (DESCAG050), assembly-engineering-drawing-document-alphanumeric-identifier (ASSYNO316), parts-list-document-item-identifier (FINDID315), and document-parts-list-entry-sequence-identifier (PLSEQN316) must exist in the corresponding fields in an instance in Table 222.

Code	Data Element Title	DED	Key
ASSYNO316	assembly-engineering-drawing-document-alphanumeric-identifier	0003	FK
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
FINDID315	parts-list-document-item-identifier	0027	FK
NORCAG300	revision-notice-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
NORNUM300	revision-notice-document-alphanumeric-identifier	0003	FK
NORREV301	revision-notice-document-alphanumeric-revision-identifier	0009	FK
NORTYP300	revision-notice-document-type-code	0004	FK
PLSEQN316	document-parts-list-entry-sequence-identifier	0259	FK
SWIDEN170	software-product-generic-identifier	0060	FK
SWSORC170	software-product-source-entity-identifier	0033	FK

B.5.7.23. Table 322, Proposed changes of component documents (NOR-COMPDOC). This table is a subtype of Table ECP-DWGREVPLITEM/316 which proposes a change in the correlation of a parts list line item with a component document number.

- a. If the value of CHGTYP316 in Table 316 is 'D', then the combination of values of design-enterprise-defense-logistics--assigned-identification-code (DESCAG050), assembly-engineering-drawing-document-alphanumeric-identifier (ASSYNO316), parts-list-document-item-identifier (FINDID315), and document-parts-list-entry-sequence-identifier (PLSEQN316) must exist in the corresponding fields in an instance in Table 223.
- b. For any instance in this table, the combination of the values of document-source-entity-identifier (SRCIDN010), document-identifier (DOCIDN010), and document-type-code (DOCTYP010) cannot be the same as the combination of the values of design-enterprise-defense-logistics--assigned-identification-code (DESCAG050), assembly-engineering-drawing-document-alphanumeric-identifier (ASSYNO316),

MIL-STD-2549
APPENDIX B

and document-type-code (DOCTYP010 in the parent instance in Table 302). (This rule is necessary to enforce the requirement that indentured parts lists form directed acyclic graphs.)

Code	Data Element Title	DED	Key
FINDID315	parts-list-document-item-identifier	0027	FK
NORCAG300	revision-notice-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
NORNUM300	revision-notice-document-alphanumeric-identifier	0003	FK
NORREV301	revision-notice-document-alphanumeric-revision-identifier	0009	FK
NORTYP300	revision-notice-document-type-code	0004	FK
PLSEQN316	document-parts-list-entry-sequence-identifier	0259	FK
DOCIDN010	document-identifier	0122	FK
DOCTYP010	document-type-code	0004	FK
SRCIDN010	document-source-entity-identifier	0033	FK

B.5.7.24. Table 323, Proposed changes of reference designators (NOR-REFDES). This table identifies proposed changes to reference designators and correlates them to the parts list find.

- a. If the value of the engineering-drawing-document-proposed-change-type-code (CHGTYP323) is 'D', then the combination of values of configuration-item-product-nomenclature-text (CINOMN690) and part-location-place-identifier (REFDES323) must exist in the corresponding fields in an instance in Table 208.

Code	Data Element Title	DED	Key
REFDES323	place-reference-designator-identifier	0055	K
NORCAG300	revision-notice-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
NORNUM300	revision-notice-document-alphanumeric-identifier	0003	FK
NORREV301	revision-notice-document-alphanumeric-revision-identifier	0009	FK
NORTYP300	revision-notice-document-type-code	0004	FK
CINOMN690	configuration-item-product-nomenclature-text	0047	FK
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DWGNUM050	engineering-drawing-document-alphanumeric-identifier	0003	FK
FINDID315	parts-list-document-item-identifier	0027	FK
CHGTYP323	engineering-drawing-document-proposed-change-type-code	0261	M

B.5.7.25. Table 324, Proposed changes of special item indicators in a parts list (NOR-FINDSPECITEM). This table identifies proposed changes to special item indicators on a part list find.

- a. If the value of the engineering-drawing-document-proposed-change-type-code (CHGTYP324) is 'D', the combination of values of design-enterprise-defense-logistics--assigned-identification-code (DESCAG050), assembly-engineering-drawing-document-alphanumeric-identifier (ASSYNO316), document-alphanumeric-revision-identifier (DOCREV051 in the parent instance in Table 302), parts-list-document-

MIL-STD-2549
APPENDIX B

item-identifier (FINDID315), document-parts-list-entry-sequence-identifier (PLSEQN316), and engineering-drawing-document-special-condition-code (SPNOTE324) must exist in the corresponding fields in an instance in Table 227.

Code	Data Element Title	DED	Key
SPNOTE324	engineering-drawing-document-special-condition-code	0257	K
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DWGNUM050	engineering-drawing-document-alphanumeric-identifier	0003	FK
FINDID315	parts-list-document-item-identifier	0027	FK
NORCAG300	revision-notice-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
NORNUM300	revision-notice-document-alphanumeric-identifier	0003	FK
NORREV301	revision-notice-document-alphanumeric-revision-identifier	0009	FK
NORTYP300	revision-notice-document-type-code	0004	FK
CHGTYP324	engineering-drawing-document-proposed-change-type-code	0261	M

B.5.7.26. Table 325, Proposed changes to drawing notes (NOR-DWGNOTE). This table contains the proposed changes to notes in a drawing or parts list drawing.

- a. If the value of engineering-drawing-document-proposed-entry-change-type-code (CHGTYP325) is 'C', 'D', or 'N', then the combination of the values of design-enterprise-defense-logistics--assigned-identification-code (DESCAG050), engineering-drawing-document-alphanumeric-identifier (DWGNUM050), document-type-code (DOCTYP010 in the parent instance in Table 302), document-alphanumeric-revision-identifier (DOCREV051 in the parent instance in Table 302), and engineering-drawing-document-note-identifier (NOTNUM325) must exist in the corresponding fields in an instance in Table 080.

Code	Data Element Title	DED	Key
NOTNUM325	engineering-drawing-document-note-identifier	0251	K
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DWGNUM050	engineering-drawing-document-alphanumeric-identifier	0003	FK
NORCAG300	revision-notice-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
NORNUM300	revision-notice-document-alphanumeric-identifier	0003	FK
NORREV301	revision-notice-document-alphanumeric-revision-identifier	0009	FK
NORTYP300	revision-notice-document-type-code	0004	FK
CHGTYP325	engineering-drawing-document-proposed-entry-change-type-code	0260	M
NOTXTT325	engineering-drawing-document-note-text	0252	

B.5.7.27. Table 326, Proposed changes to the correlation of parts list finds and drawing notes (NOR-DWGFINDDNOTE). This table identifies changes to the note call-outs in parts list finds.

MIL-STD-2549
APPENDIX B

- a. If the value of engineering-drawing-document-proposed-change-type-code (CHGTYP326) is 'D', then the combination of the values of design-enterprise-defense-logistics--assigned-identification-code (DESCAG050), assembly-engineering-drawing-document-alphanumeric-identifier (ASSYNO316), document-type-code (DOCTYP010 in the parent instance in Table 302), document-alphanumeric-revision-identifier (DOCREV051 in the parent instance in Table 302), engineering-drawing-document-note-identifier (NOTNUM325), and parts-list-document-item-identifier (FINDID315) must exist in the corresponding fields in an instance in Table 226.

Code	Data Element Title	DED	Key
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DWGNUM050	engineering-drawing-document-alphanumeric-identifier	0003	FK
FINDID315	parts-list-document-item-identifier	0027	FK
NORCAG300	revision-notice-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
NORNUM300	revision-notice-document-alphanumeric-identifier	0003	FK
NORREV301	revision-notice-document-alphanumeric-revision-identifier	0009	FK
NORTYP300	revision-notice-document-type-code	0004	FK
NOTNUM325	engineering-drawing-document-note-identifier	0251	FK
CHGTYP326	engineering-drawing-document-proposed-change-type-code	0261	M

B.5.7.28. Table 327, Proposed changes of special item indicators in drawing notes (NOR-NOTESPECITEM). This table identifies proposed changes to special item indicators in engineering drawing notes.

- a. If the value of the engineering-drawing-document-proposed-change-type-code (CHGTYP327) is 'D', the combination of values of design-enterprise-defense-logistics--assigned-identification-code (DESCAG050), assembly-engineering-drawing-document-alphanumeric-identifier (ASSYNO316), document-type-code (DOCTYP010 in the parent instance in Table 302), document-alphanumeric-revision-identifier (DOCREV051 in the parent instance in Table 302), engineering-drawing-document-note-identifier (NOTNUM325), and engineering-drawing-document-special-condition-code (SPNOTE327) must exist in the corresponding fields in an instance in Table 081.

b.

Code	Data Element Title	DED	Key
SPNOTE327	engineering-drawing-document-special-condition-code	0257	K
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DWGNUM050	engineering-drawing-document-alphanumeric-identifier	0003	FK
NORCAG300	revision-notice-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
NORNUM300	revision-notice-document-alphanumeric-identifier	0003	FK
NORREV301	revision-notice-document-alphanumeric-revision-identifier	0009	FK
NORTYP300	revision-notice-document-type-code	0004	FK
NOTNUM325	engineering-drawing-document-note-identifier	0251	FK
CHGTYP327	engineering-drawing-document-proposed-change-type-code	0261	M

B.5.7.29. Tables 328 and 329. Reserved.

MIL-STD-2549
APPENDIX B

B.5.8. Baselines. Entity tables numbered in the range of 330 through 339 contain the information concerning program technical-, contractual- and configuration management baseline(s). The relationships between these various entity tables are depicted in Figure 08BL1.

B.5.8.1. Table 330, Program technical baseline (TECHBL). This table correlates document identifiers with program/system technical baseline(s). (A technical baseline is the collection of documents which are associated with a particular project. Generally, they serve to document the analysis and rationales which were used to authorize the project to proceed past various milestones.)

Code	Data Element Title	DED	Key
DOCIDN010	document-identifier	0122	FK
DOCTYP010	document-type-code	0004	FK
PROGNM691	program-name	0059	FK
SRCIDN010	document-source-entity-identifier	0033	FK

B.5.8.2. Table 331, Product baseline(s) (PBL). This table identifies the document(s) which comprise the product baseline(s) for a configuration item by associating the top-level product design definition document (product-baseline-top-level-document-identifier, PBLDOC331) for each design solution (each product baseline) with the configuration item. All other documents in the product baseline are determined by the database when requested. To display the entire list of documents in the product baseline: if a specification is given, the system creates a tree of lower level documents; if a drawing is given, the system finds the part numbers associated with the specified drawing at the current revision level, creates a part tree, and determines the document numbers (drawing, specification, or software number) associated with each part number in the tree and all documents which are lower level to the documents in the tree; the resulting list is the product baseline. If a software number is given, it is the product baseline. When populating this table, care must be taken to ensure that only one top-level document is entered for each distinct design solution for the CI. Normally, each different design solution will have a different value of document-source-entity-identifier (SRCIDN010) inherited from Table 010.

- a. The value of document-type-code (DOCTYP010) must be 'DWG', 'SPEC', or 'SW'.
- b. The attributes document-identifier (DOCIDN010), document-type-code (DOCTYP010), and document-source-entity-identifier (SRCIDN010) inherited from Table 010 are concatenated and assume the role product-baseline-top-level-document-identifier (PBLDOC331). (See Appendix C for concatenation order.)

Code	Data Element Title	DED	Key
PBLDOC331	product-baseline-top-level-document-identifier	0124	FK
CIIDEN695	configuration-item-product-identifier	0111	FK

B-162

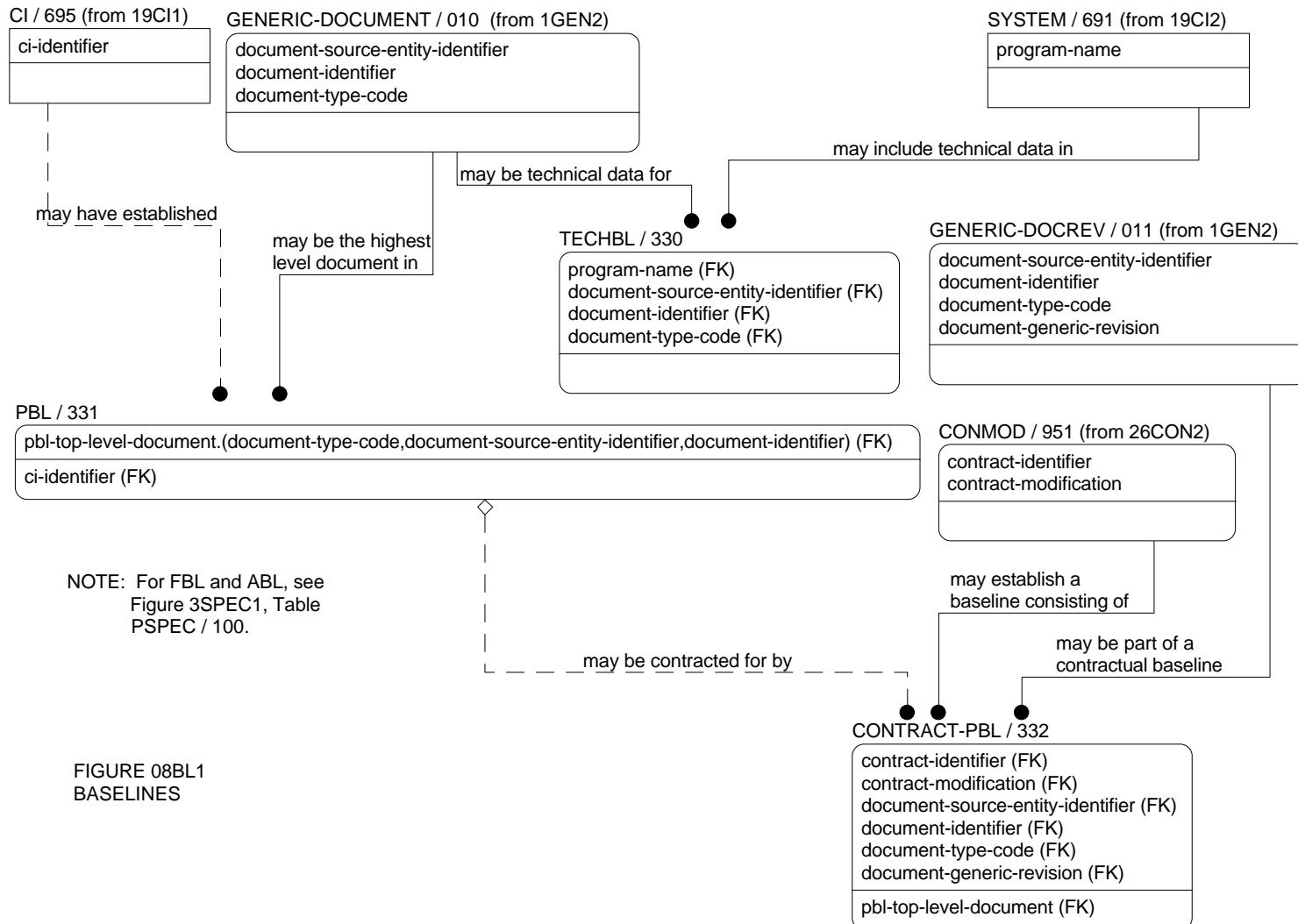


FIGURE 08BL1
BASELINES

MIL-STD-2549
APPENDIX B

B.5.8.3. Table 332, Contract (product) baseline (CONTRACT-PBL). This table identifies the document(s) which comprise the product baseline for a configuration item as specified in a particular contract at a particular contract modification. All documents in the contractual product baseline are included with the specific revision which is contractually applicable. Unless a commodity or common use item is being purchased, each document entered in this table must exist somewhere in the tree of documents which forms the complete PBL listing for the specified product-baseline-top-level-document-identifier (PBLDOC331).

Code	Data Element Title	DED	Key
CONIDN950	contract-document-identifier	0015	FK
CONMOD951	contract-document-revision-identifier	0120	FK
DOCIDN010	document-identifier	0122	FK
DOCREV011	document-generic-revision-identifier	0243	FK
DOCTYP010	document-type-code	0004	FK
SRCIDN010	document-source-entity-identifier	0033	FK
PBLDOC331	product-baseline-top-level-document-identifier	0124	FK, O

B.5.8.4. Tables 333 through 344. Reserved.

MIL-STD-2549
APPENDIX B

B.5.9. National stock number. Entity tables numbered in the range of 345 through 349 contain the information concerning national stock number. This section includes the correlation of NSNs to part numbers or material identifiers and the identification of substitute (due to temporary non-availability) and replacement (due to permanent supersession) NSNs. The relationships between these various NSN entity tables are depicted in Figure 09NSN1.

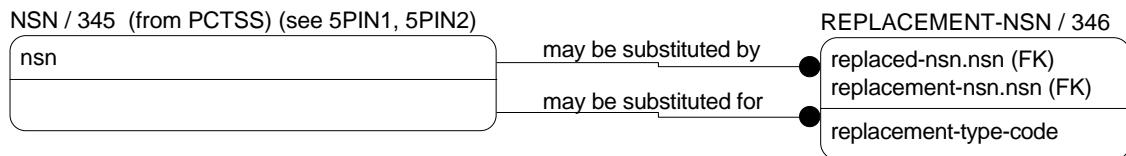


FIGURE 09NSN1
NATIONAL STOCK NUMBER DEFINITION

B.5.9.1. Table 345, National stock number (NSN). This table is part of the Provisioning/Cataloging Technical Support System (PCTSS) and contains national stock numbers which are pertinent to the configuration management process.

Code	Data Element Title	DED	Key
NSNNUM345	product-national-stock-identifier	0049	K
NSNDES345	product-national-stock-description-text	0116	M
PRDTYP345	product-type-code	0034	M

B.5.9.2. Table 346, Correlation of NSN to substitute/replacement NSN(s) (REPACEMENT-NSN). This table identifies NSNs which have been identified by competent authority as suitable substitute parts/materials or permanent replacement parts/materials for NSNs which have either been permanently discontinued (and, therefore, superseded) or which are temporarily out-of-stock.

- a. Attribute product-national-stock-identifier (NSNNUM345) inherited from Table 345 assumes the role replacement-product-national-stock-identifier (NEWNSN346).
- b. Attribute product-national-stock-identifier (NSNNUM345) inherited from Table 345 assumes the role replaced-product-national-stock-identifier (OLDNSN346).

Code	Data Element Title	DED	Key
NEWNSN346	replacement-product-national-stock-identifier	0049	FK
OLDNSN346	replaced-product-national-stock-identifier	0049	FK
REPTYP346	product-replacement-type-code	0106	M

B.5.9.3. Tables 347 through 349. Reserved.

MIL-STD-2549
APPENDIX B

B.5.10. Requests for deviation (RFD). Entity tables numbered in the range of 350 through 399 contain the identification of Requests for Deviation, along with all associated attributes. Requests for Deviation are strictly a Government form; therefore, this means that the content of this section is limited to RFDs identified by a CAGE (or NSCM) code and a document number. The relationships between these various entity tables are depicted in Figures 10RFD1 through 10RFD5.

B.5.10.1. Table 350, Request for deviation document (RFD). This table includes the unique and primary identification of an RFD document. An RFD is a subtype of CAGE-NUM-DOC/022 for the case where the value of document-type-code is 'RFD'.

- a. Attribute document-source-enterprise-defense-logistics--assigned-identification-code (SRCCAG022) inherited from Table 022 assumes the role deviation-request-document-source-enterprise-defense-logistics--assigned-identification-code (RFDCAG350).
- b. Attribute document-alphanumeric-identifier (DOCNUM020) inherited from Table 022 assumes the role deviation-request-document-alphanumeric-identifier (RFDNUM350).
- c. Attribute document-type-code (DOCTYP010) inherited from Table 022 assumes the role deviation-request-document-type-code (RFDTYP350).

Code	Data Element Title	DED	Key
RFDCAG350	deviation-request-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
RFDNUM350	deviation-request-document-alphanumeric-identifier	0003	FK
RFDTYP350	deviation-request-document-type-code	0004	FK

B.5.10.2. Table 351, Revisions to request for deviation documents (RFDREV). This table is a subtype of Table CAGE-NUM-DOCREV/023 for the case where the value of document-type-code in Table 023 is 'RFD'. It contains the revision history of the RFD during its life cycle.

- a. Due to parallel categorization, this table is a de facto child of Table RFD/350.
- b. The change-proposal-document-....effect-code (AFF0xx351) data elements and the standard-generalized-markup-language-document-....field-identifier (SGMLxx351) are paired fields. The value of the SGMLxx351 field must be blank if the value of the AFF0xx351 field is 'N'. For each AFF0xx351 data element with a value of 'Y', there must be a text explanation discussing this element in the RFD file(s). If the contract requires that the RFD be compliant with MIL-STD-28001 (SGML), then, the SGML tags used in the RFD file(s) must be entered in the appropriate SGMLxx351 field.
- c. If the contract requires that the RFD be compliant with MIL-STD-28001 (SGML), then, the SGML tags used in the RFD file(s) for Description of Need for Deviation and RFD Description must be entered in standard-generalized-markup-language-document-proposed-change-need-field-identifier (SGMNED351), and standard-generalized-markup-language-document-proposed-change-description-field-identifier (SGMDES351), respectively.
- d. The value of 'product-baseline-type' (BLTYPE351) is limited to the values 'A', 'F', or 'P'.

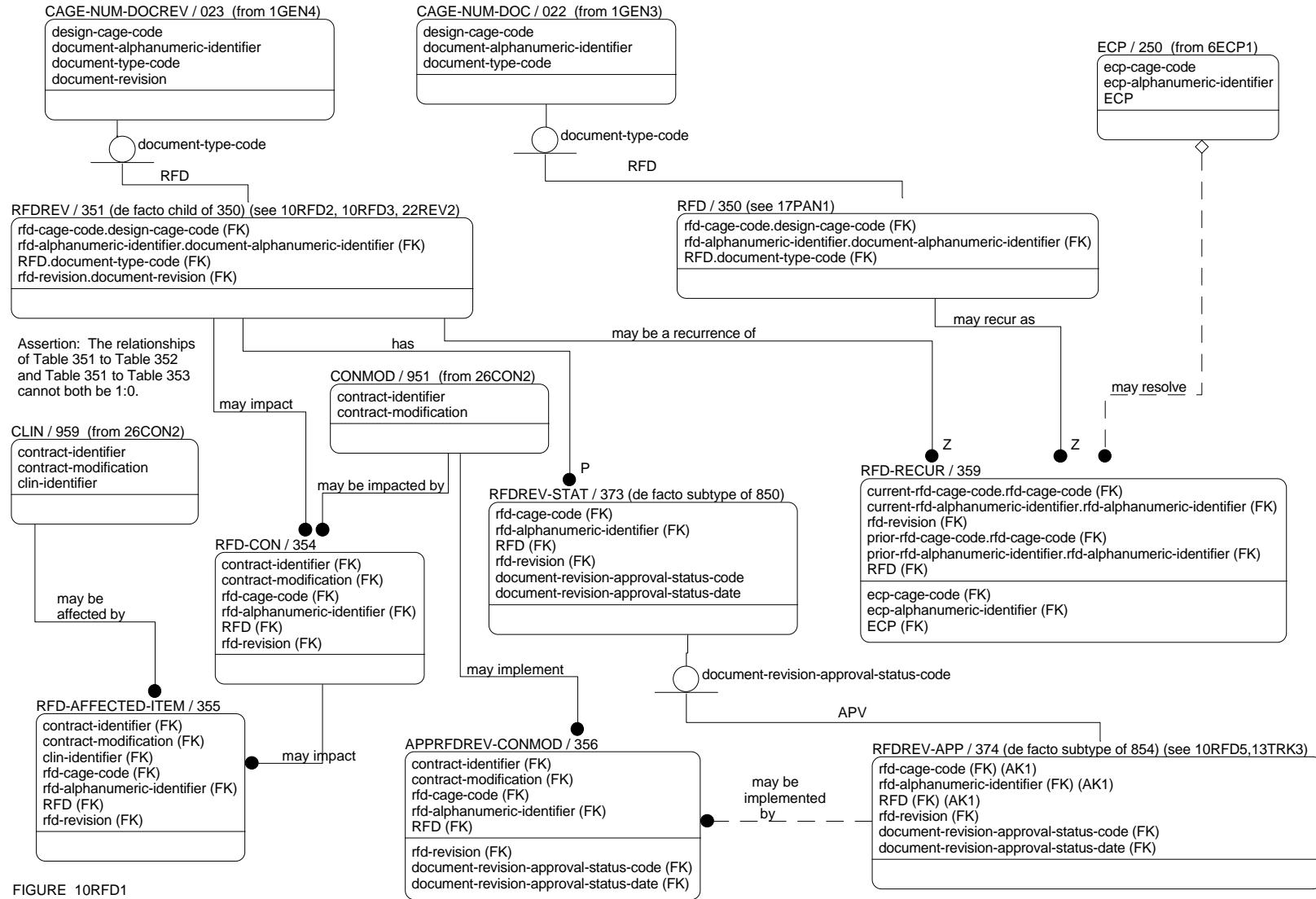


FIGURE 10RFD1
REQUEST FOR DEVIATION (RFD) DEFINITION (Part 1 of 2)

B-167

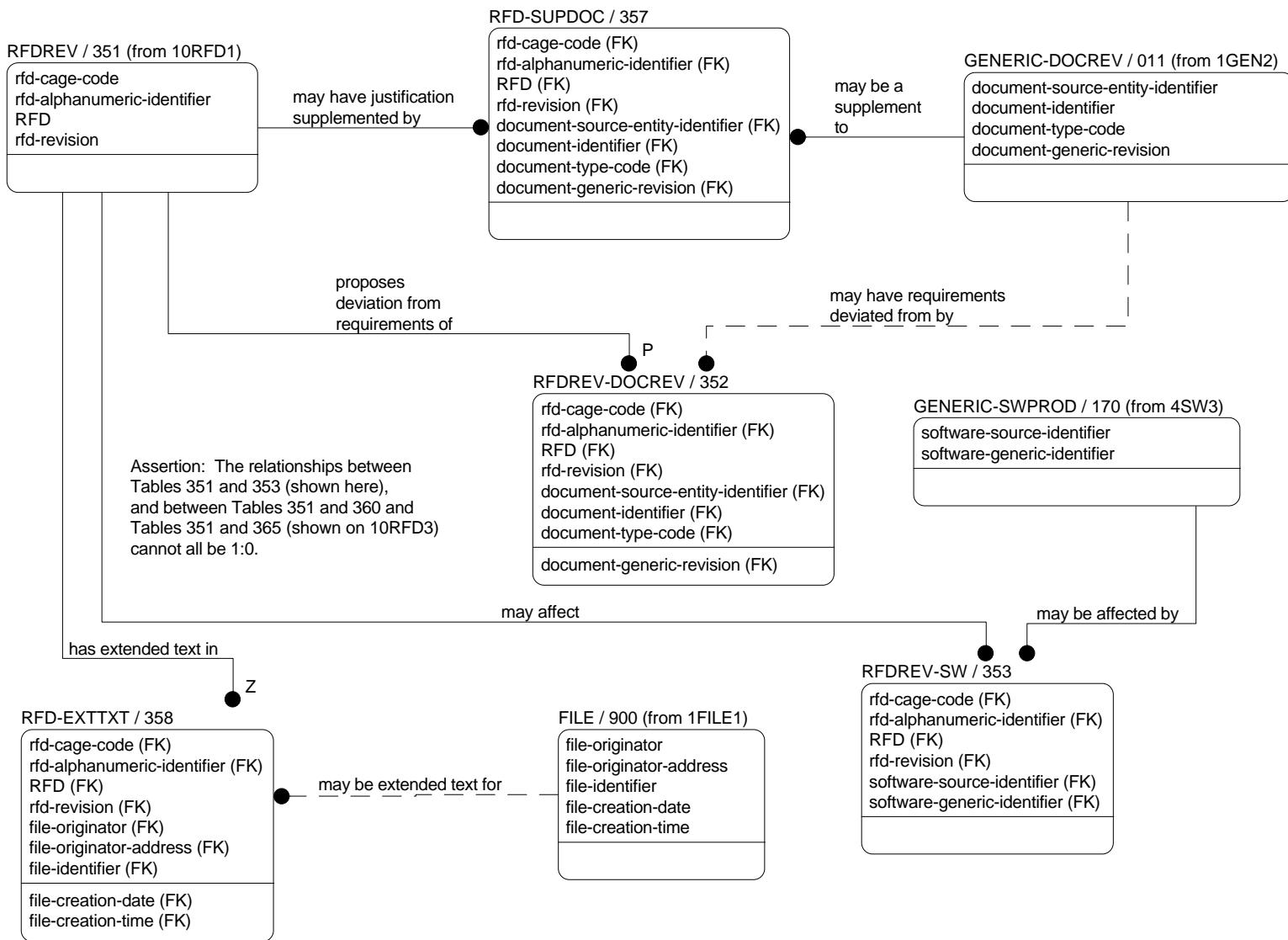


FIGURE 10RFD2
REQUEST FOR DEVIATION (RFD) DEFINITION (Part 2 OF 2)

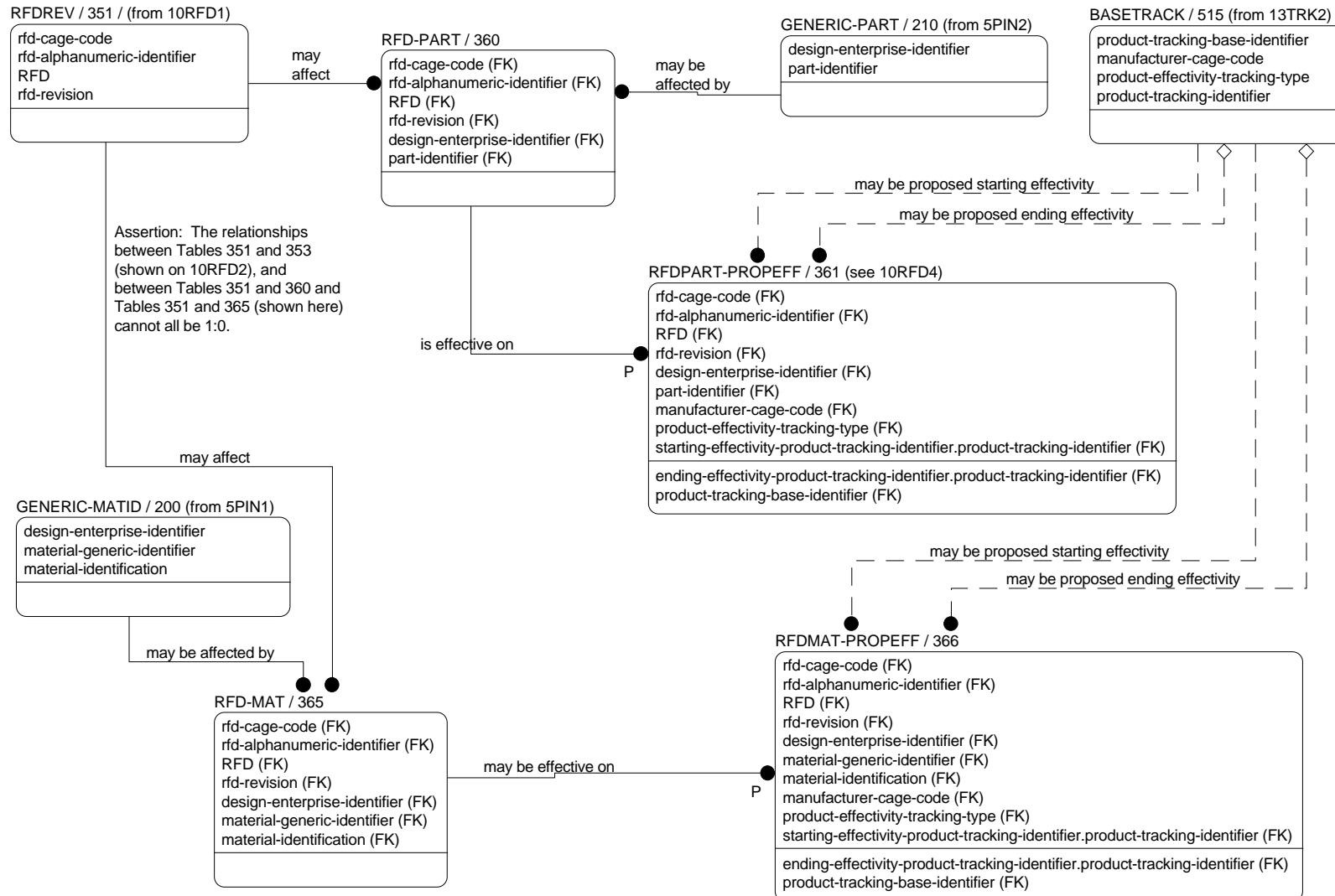


FIGURE 10RFD3
REQUEST FOR DEVIATION (RFD) EFFECTIVITY

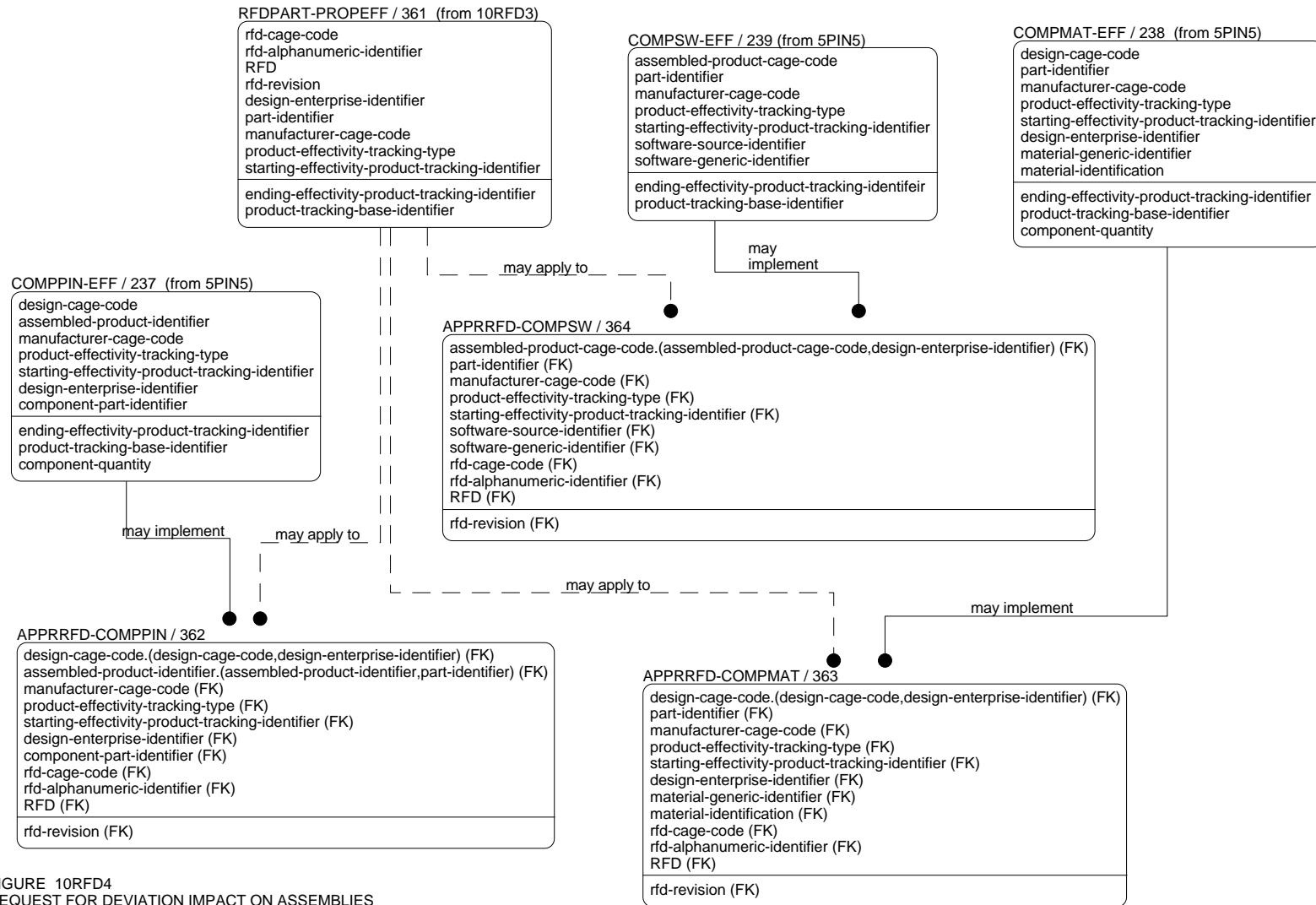


FIGURE 10RFD4
REQUEST FOR DEVIATION IMPACT ON ASSEMBLIES

B-170

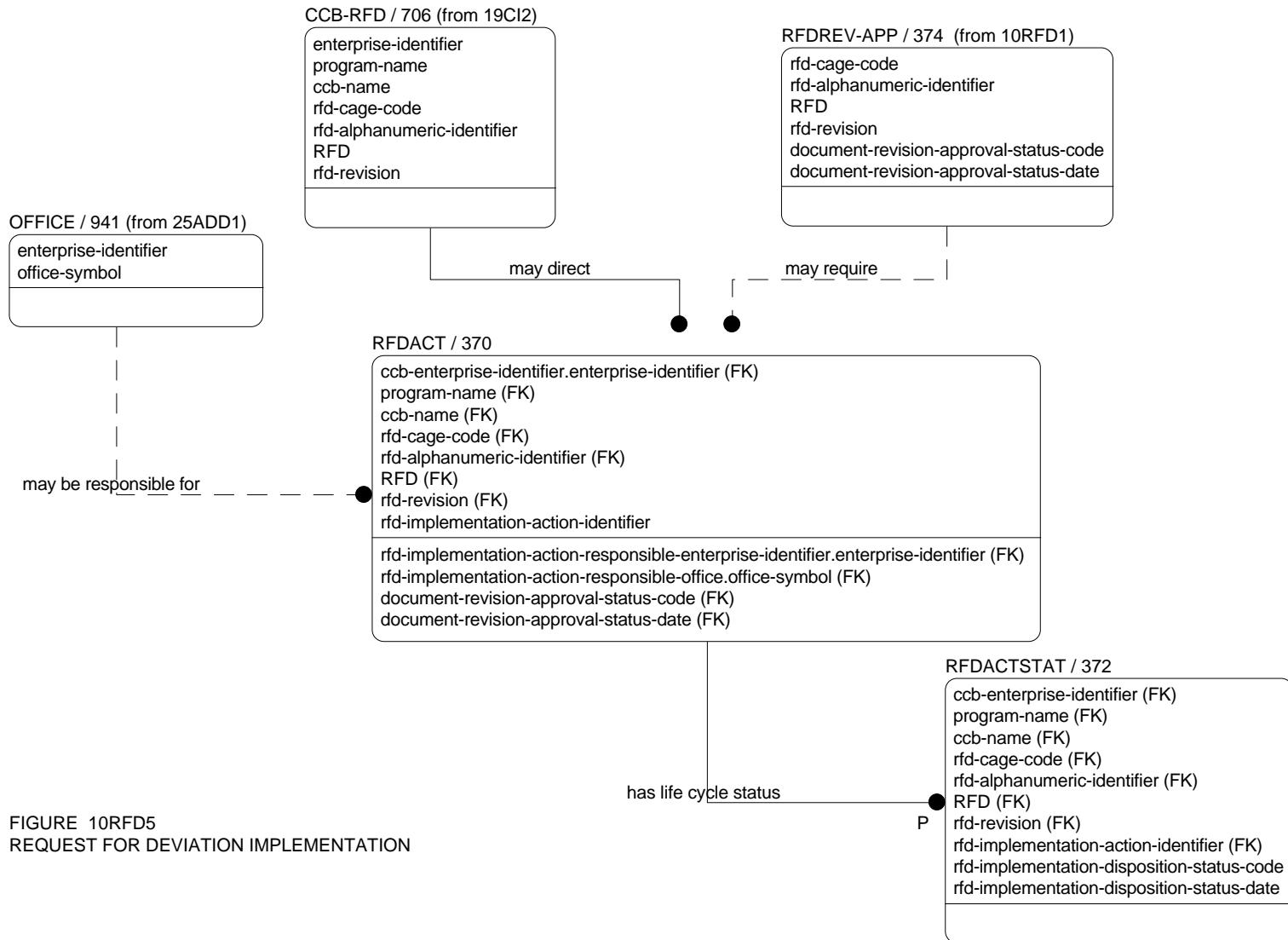


FIGURE 10RFD5
REQUEST FOR DEVIATION IMPLEMENTATION

MIL-STD-2549
APPENDIX B

- e. Because this table is a de facto child of Table 350, document-source-enterprise-defense-logistics--assigned-identification-code (SRCCAG022) inherited from Table 023 is really a deviation-request-document-source-enterprise-defense-logistics--assigned-identification-code (RFDCAG350) existing in Table 350. Therefore, SRCCAG022 assumes the identity RFDCAG350.
- f. Because this table is a de facto child of Table 350, document-alphanumeric-identifier (DOCNUM020) inherited from Table 023 is really a deviation-request-document-alphanumeric-identifier (RFDNUM350) existing in Table 350. Therefore, DOCNUM020 assumes the identity RFDNUM350.
- g. Attribute document-generic-revision-identifier (DOCREV011) inherited from Table 023 assumes the role deviation-request-document-alphanumeric-revision-identifier (RFDREV351).
- h. Because this table is a de facto child of Table 350, document-type-code (DOCTYP010) inherited from Table 023 is really a deviation-request-document-type-code (RFDTYP350) existing in Table 350. Therefore, DOCTYP010 assumes the identity RFDTYP350.

Code	Data Element Title	DED	Key
RFDCAG350	deviation-request-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
RFDNUM350	deviation-request-document-alphanumeric-identifier	0003	FK
RFDREV351	deviation-request-document-alphanumeric-revision-identifier	0009	FK
RFDTYP350	deviation-request-document-type-code	0004	FK
BLTYPE351	product-baseline-type-code	0098	M
RFD006351	deviation-request-document-defect-severity-classification-code	0125	M
RFD018351	deviation-request-document-recurring-request-code	0133	M
RFD019351	deviation-request-document-price-effect-estimate-amount	0132	M
RFD020351	deviation-request-document-delivery-schedule-effect-text	0131	M
RFD022351	deviation-request-document-description-text	0126	M
RFD023351	deviation-request-document-justification-text	0127	M
RFD024351	deviation-request-document-corrective-action-taken-text	0130	M
RFD19A351	deviation-request-document-price-adjustment-effect-rationale-text	0104	
SGM021351	standard-generalized-markup-language-document-proposed-change-logistics-support-effect-field-identifier	0118	
SGM022351	standard-generalized-markup-language-document-proposed-change-long-description-field-identifier	0118	
SGM023351	standard-generalized-markup-language-document-proposed-change-long-need-rationale-field-identifier	0118	
SGM024351	standard-generalized-markup-language-document-deviation-request-corrective-action-taken-field-identifier	0118	

B.5.10.3. Table 352, Source of requirements which is basis for deviation (RFDREV-DOCREV). This table correlates the RFD revision to the revision of the document(s) which include the requirements from which the

MIL-STD-2549
APPENDIX B

deviation is requested. The value of document-type-code (DOCTYP010) inherited from Table 011 must be either 'DWG', 'MISC', 'P-SPEC', 'STDDOC', or 'SWDOC'.

Code	Data Element Title	DED	Key
DOCIDN010	document-identifier	0122	FK
DOCTYP010	document-type-code	0004	FK
RFDCAG350	deviation-request-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
RFDNUM350	deviation-request-document-alphanumeric-identifier	0003	FK
RFDREV351	deviation-request-document-alphanumeric-revision-identifier	0009	FK
RFDTYP350	deviation-request-document-type-code	0004	FK
SRCIDN010	document-source-entity-identifier	0033	FK
DOCREV011	document-generic-revision-identifier	0243	FK
SGM22A352	standard-generalized-markup-language-document-specific-proposed-changes-field-identifier	0118	M

B.5.10.4. Table 353, Software affected by a deviation (RFDREV-SW). This table correlates the RFD revision to the software product(s) which are affected by the RFD.

Code	Data Element Title	DED	Key
RFDCAG350	deviation-request-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
RFDNUM350	deviation-request-document-alphanumeric-identifier	0003	FK
RFDREV351	deviation-request-document-alphanumeric-revision-identifier	0009	FK
RFDTYP350	deviation-request-document-type-code	0004	FK
SWIDEN170	software-product-generic-identifier	0060	FK
SWSORC170	software-product-source-entity-identifier	0033	FK
PARLVL353	deviation-request-document-part-level-code	0220	M

B.5.10.5. Table 354, Correlation of request for deviation documents with the contract numbers under which they are submitted (RFD-CON). This table correlates RFDs to the contracts which they impact, or under which they are submitted. Only current contracts between the originator and the approval agency for which a CDRL item exists need to be addressed.

Code	Data Element Title	DED	Key
CONIDN950	contract-document-identifier	0015	FK
CONMOD951	contract-document-revision-identifier	0120	FK
RFDCAG350	deviation-request-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
RFDNUM350	deviation-request-document-alphanumeric-identifier	0003	FK
RFDREV351	deviation-request-document-alphanumeric-revision-identifier	0009	FK

MIL-STD-2549
APPENDIX B

RFDTYP350	deviation-request-document-type-code	0004	FK
-----------	--------------------------------------	------	----

B.5.10.6. Table 355, Correlation of contract line items to the request for deviation which affects them (RFD-AFFECTED-ITEM). This table correlates the RFD with the affected contract line items. Only the most recent modification for any one contract needs to be addressed.

Code	Data Element Title	DED	Key
CLINUM959	contract-document-line-item-identifier	0017	FK
CONIDN950	contract-document-identifier	0015	FK
CONMOD951	contract-document-revision-identifier	0120	FK
RFDCAG350	deviation-request-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
RFDNUM350	deviation-request-document-alphanumeric-identifier	0003	FK
RFDREV351	deviation-request-document-alphanumeric-revision-identifier	0009	FK
RFDTYP350	deviation-request-document-type-code	0004	FK

B.5.10.7. Table 356, Correlation of approved RFD to implementing contract modification(s) (APPRFDREV-CONMOD). This table correlates approved RFDs to their implementing contract modification(s).

Code	Data Element Title	DED	Key
CONIDN950	contract-document-identifier	0015	FK
CONMOD951	contract-document-revision-identifier	0120	FK
RFDCAG350	deviation-request-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
RFDNUM350	deviation-request-document-alphanumeric-identifier	0003	FK
RFDTYP350	deviation-request-document-type-code	0004	FK
REVSTA850	document-revision-approval-process-disposition-status-code	0021	FK
RFDREV351	deviation-request-document-alphanumeric-revision-identifier	0009	FK
STADAT850	document-revision-approval-process-disposition-status-date	0082	FK

B.5.10.8. Table 357, Identification of documents which supplement the contents of an RFD (RFD-SUPDOC). This table correlates various documents with the RFD(s) which they supplement. Usually these documents are analysis, reports, studies, or marked-up drawings.

- a. The value of document-type-code (DOCTYP010) must be 'ANALYS', 'BOOK', 'DWG', 'MISC', 'PERIODL', 'PL', 'PLNPROC', 'P-SPEC', or 'STDDOC'.

Code	Data Element Title	DED	Key
DOCIDN010	document-identifier	0122	FK
DOCTYP010	document-type-code	0004	FK
RFDCAG350	deviation-request-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK

MIL-STD-2549
APPENDIX B

RFDNUM350	deviation-request-document-alphanumeric-identifier	0003	FK
RFDREV351	deviation-request-document-alphanumeric-revision-identifier	0009	FK
RFDTYP350	deviation-request-document-type-code	0004	FK
SRCIDN010	document-source-entity-identifier	0033	FK

B.5.10.9. Table 358, RFD text file (RFD-EXTXT). This table identifies the file which contains the extended text to which the SGML tags in Table 351 refer.

- a. The combination of file-originator-human-name (FILORG900), electronic-document-file-identifier (FILIDN900) and enterprise-file-origination-office-address-text (FILADD900) can be associated with only one combination of deviation-request-document-source-enterprise-defense-logistics--assigned-identification-code (RFDCAG350), deviation-request-proposal-document-alphanumeric-identifier (RFDNUM350), and deviation-request-proposal-document-alphanumeric-revision-identifier (RFDREV351).

Code	Data Element Title	DED	Key
FILADD900	enterprise-file-origination-office-address-text	0081	FK
FILIDN900	electronic-document-file-identifier	0206	FK
FILORG900	file-originator-human-name	0069	FK
RFDCAG350	deviation-request-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
RFDNUM350	deviation-request-document-alphanumeric-identifier	0003	FK
RFDREV351	deviation-request-document-alphanumeric-revision-identifier	0009	FK
RFDTYP350	deviation-request-document-type-code	0004	FK
FILDAT900	electronic-document-file-creation-date	0082	FK
FILTIM900	electronic-document-file-creation-time	0160	FK

B.5.10.10. Table 359, Correlation of prior requests for deviation with current recurring deviation request (RFD-RECUR). This table correlates RFDs which have been submitted by a single company for a recurring problem.

- a. The values of engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code (ECPCAG250), engineering-change-proposal-document-alphanumeric-identifier (ECPNUM250), and engineering-change-proposal-document-type-code (ECPTYP250) must be either all blank, or all non-blank.
- b. Attribute deviation-request-document-source-enterprise-defense-logistics--assigned-identification-code (RFDCAG350) inherited from Table 350 assumes the role current-deviation-request-document-source-enterprise-defense-logistics--assigned-identification-code (CRFDGCG359).
- c. Attribute deviation-request-document-alphanumeric-identifier (RFDNUM350) inherited from Table 350 assumes the role current-deviation-request-document-alphanumeric-identifier (CRFDNO359).
- d. Attribute deviation-request-document-source-enterprise-defense-logistics--assigned-identification-code (RFDCAG350) inherited from Table 350 assumes the role prior-deviation-request-document-source-enterprise-defense-logistics--assigned-identification-code (PRFDCG359).

MIL-STD-2549
APPENDIX B

- e. Attribute deviation-request-document-alphanumeric-identifier (RFDNUM350) inherited from Table 350 assumes the role prior-deviation-request-document-alphanumeric-identifier (PRFDNO359).

Code	Data Element Title	DED	Key
CRFDCG359	current-deviation-request-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
CRFDNO359	current-deviation-request-document-alphanumeric-identifier	0003	FK
PRFDCG359	prior-deviation-request-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
PRFDNO359	prior-deviation-request-document-alphanumeric-identifier	0003	FK
RFDREV351	deviation-request-document-alphanumeric-revision-identifier	0009	FK
RFDTYP350	deviation-request-document-type-code	0004	FK
ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK
SGMRAT359	standard-generalized-markup-language-document-recurring-deviation-request-corrective-action-taken-field-identifier	0118	

B.5.10.11. Table 360, Part numbers affected by deviations (RFD-PART). This table correlates RFDs to the part numbers affected by the RFD.

Code	Data Element Title	DED	Key
DESENT210	design-enterprise-identifier	0052	FK
PARNUM210	part-product-identifier	0024	FK
RFDCAG350	deviation-request-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
RFDNUM350	deviation-request-document-alphanumeric-identifier	0003	FK
RFDREV351	deviation-request-document-alphanumeric-revision-identifier	0009	FK
RFDTYP350	deviation-request-document-type-code	0004	FK
PARLVL360	deviation-request-document-part-level-code	0220	M

B.5.10.12. Table 361, Proposed effectivity of an RFD with respect to impacted parts (RFD-PROPEFF). This table correlates parts affected by the RFD with the proposed effectivity of the RFD.

- a. The combination of values for design-enterprise-identifier (DESENT210) and part-product-identifier (PARNUM210) must also relate to the product--tracking-base--identifier (BASNUM500) via the hierarchy of tables subsidiary to Table 500.
- b. Attribute product-sequential-tracking-identifier (TRKIDN515) inherited from Table 515 assumes the role product-ending-effectivity-sequential-tracking-identifier (ENDEFF361).

MIL-STD-2549
APPENDIX B

- c. Attribute product-sequential-tracking-identifier (TRKIDN515) inherited from Table 515 assumes the role product-starting-effectivity-sequential-tracking-identifier (STREFF361).

Code	Data Element Title	DED	Key
DESENT210	design-enterprise-identifier	0052	FK
MFRCAG515	manufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK
PARNUM210	part-product-identifier	0024	FK
RFDCAG350	deviation-request-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
RFDNUM350	deviation-request-document-alphanumeric-identifier	0003	FK
RFDREV351	deviation-request-document-alphanumeric-revision-identifier	0009	FK
RFDTYP350	deviation-request-document-type-code	0004	FK
STREFF361	product-starting-effectivity-sequential-tracking-identifier	0058	FK
TRKTYP515	product-change-effectivity-tracking-type-code	0057	FK
BASNUM500	product--tracking-base--identifier	0056	FK
ENDEFF361	product-ending-effectivity-sequential-tracking-identifier	0058	FK, O

B.5.10.13. Table 362, Impact of approved RFD on assemblies with component parts (APPRRFD-COMPPIN). This table correlates the effectivity of the approved RFD with the assembly-component part combinations which are impacted by the RFD.

- a. Attribute assembled-part-product-identifier (APARNO234) inherited from Table 237 and part-product-identifier (PARNUM210) inherited from Table 361 must both have the same value. Therefore they merge and assume the identity assembled-part-product-identifier (APARNO234).
- b. Attribute design-enterprise-defense-logistics--assigned-identification-code (DESCAG053) inherited from Table 237 and design-enterprise-identifier (DESENT210) inherited from Table 361 must both have the same value. Therefore they merge and assume the identity design-enterprise-defense-logistics--assigned-identification-code (DESCAG053).
- c. Fields STREFF237 inherited from Table 237 and STREFF361 inherited from Table 361 must be the same; therefore, they assume the identity product-starting-effectivity-sequential-tracking-identifier (STREFF362).

Code	Data Element Title	DED	Key
APARNO234	assembled-part-product-identifier	0024	FK
CPARNO234	component-part-product-identifier	0024	FK
DESCAG053	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DESENT210	design-enterprise-identifier	0052	FK
MFRCAG515	manufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK
RFDCAG350	deviation-request-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
RFDNUM350	deviation-request-document-alphanumeric-identifier	0003	FK

MIL-STD-2549
APPENDIX B

RFDTYP350	deviation-request-document-type-code	0004	FK
STREFF362	product-starting-effectivity-sequential-tracking-identifier	0058	FK
TRKTYP515	product-change-effectivity-tracking-type-code	0057	FK
RFDREV351	deviation-request-document-alphanumeric-revision-identifier	0009	FK

B.5.10.14. Table 363, Impact of approved RFD on assemblies with component materials (APPRRFDCOMPMAT). This table correlates the effectivity of the approved RFD with the assembly-component material combinations which are impacted by the RFD.

- a. Attribute design-enterprise-defense-logistics--assigned-identification-code (DESCAG053) inherited from Table 238 and design-enterprise-identifier (DESENT210) inherited from Table 361 must both have the same value. Therefore they merge and assume the identity design-enterprise-defense-logistics--assigned-identification-code (DESCAG053).
- b. Fields STREFF238 inherited from Table 238 and STREFF361 inherited from Table 361 must be the same; therefore, they assume the identity product-starting-effectivity-sequential-tracking-identifier (STREFF363).

Code	Data Element Title	DED	Key
DESCAG053	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DESENT200	design-enterprise-identifier	0052	FK
MATGID200	material-product-generic-identifier	0092	FK
MATIDN200	material-product-identifier	0038	FK
MFRCAG515	manufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK
PARNUM210	part-product-identifier	0024	FK
RFDCAG350	deviation-request-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
RFDNUM350	deviation-request-document-alphanumeric-identifier	0003	FK
RFDTYP350	deviation-request-document-type-code	0004	FK
STREFF363	product-starting-effectivity-sequential-tracking-identifier	0058	FK
TRKTYP515	product-change-effectivity-tracking-type-code	0057	FK
RFDREV351	deviation-request-document-alphanumeric-revision-identifier	0009	FK

B.5.10.15. Table 364, Impact of approved RFD on assemblies with component software (APPRRFDCOMPSW). This table correlates the effectivity of the approved RFD with the assembly-component software combinations which are impacted by the RFD.

- a. Attribute assembled-product-design-enterprise-defense-logistics--assigned-identification-code (ADESCG236) inherited from Table 239 and design-enterprise-identifier (DESENT210) inherited from Table 361 must both have the same value. Therefore they merge and assume the identity assembled-product-design-enterprise-defense-logistics--assigned-identification-code (ADESCG236).

MIL-STD-2549
APPENDIX B

- b. Fields STREFF239 inherited from Table 239 and STREFF361 inherited from Table 361 must be the same; therefore, they assume the identity product-starting-effectivity-sequential-tracking-identifier (STREFF364).

Code	Data Element Title	DED	Key
ADESCG236	assembled-product-design-enterprise-defense-logistics--assigned-identification-code	0001	FK
MFRCAG515	manufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK
PARNUM210	part-product-identifier	0024	FK
RFDCAG350	deviation-request-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
RFDNUM350	deviation-request-document-alphanumeric-identifier	0003	FK
RFDTYP350	deviation-request-document-type-code	0004	FK
STREFF364	product-starting-effectivity-sequential-tracking-identifier	0058	FK
SWIDEN170	software-product-generic-identifier	0060	FK
SWSORC170	software-product-source-entity-identifier	0033	FK
TRKTYP515	product-change-effectivity-tracking-type-code	0057	FK
RFDREV351	deviation-request-document-alphanumeric-revision-identifier	0009	FK

B.5.10.16. Table 365, Materials affected by deviations (RFD-MAT). This table correlates RFDs to the material(s) (not identified by a part number) affected by the RFD.

Code	Data Element Title	DED	Key
DESENT200	design-enterprise-identifier	0052	FK
MATGID200	material-product-generic-identifier	0092	FK
MATIDN200	material-product-identifier	0038	FK
RFDCAG350	deviation-request-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
RFDNUM350	deviation-request-document-alphanumeric-identifier	0003	FK
RFDREV351	deviation-request-document-alphanumeric-revision-identifier	0009	FK
RFDTYP350	deviation-request-document-type-code	0004	FK
PARLVL365	deviation-request-document-part-level-code	0220	M

B.5.10.17. Table 366, Proposed effectivity of an RFD with respect to impacted materials (RFDMAT-PROPEFF). This table correlates materials affected by the RFD with the proposed effectivity of the RFD.

- a. The combination of values for design-enterprise-identifier (DESENT200), material-product-generic-identifier (MATGID200), and material-product-identifier (MATIDN200) must also relate to the product-tracking-base--identifier (BASNUM500) via the hierarchy of tables subsidiary to Table 500.
- b. Attribute product-sequential-tracking-identifier (TRKIDN515) inherited from Table 515 assumes the role product-ending-effectivity-sequential-tracking-identifier (ENDEFF366).

MIL-STD-2549
APPENDIX B

- c. Attribute product-sequential-tracking-identifier (TRKIDN515) inherited from Table 515 assumes the role product-starting-effectivity-sequential-tracking-identifier (STREFF366).

Code	Data Element Title	DED	Key
DESENT200	design-enterprise-identifier	0052	FK
MATGID200	material-product-generic-identifier	0092	FK
MATIDN200	material-product-identifier	0038	FK
MFRCAG515	manufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK
RFDCAG350	deviation-request-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
RFDNUM350	deviation-request-document-alphanumeric-identifier	0003	FK
RFDREV351	deviation-request-document-alphanumeric-revision-identifier	0009	FK
RFDTYP350	deviation-request-document-type-code	0004	FK
STREFF366	product-starting-effectivity-sequential-tracking-identifier	0058	FK
TRKTYP515	product-change-effectivity-tracking-type-code	0057	FK
BASNUM500	product--tracking-base--identifier	0056	FK
ENDEFF366	product-ending-effectivity-sequential-tracking-identifier	0058	FK, O

B.5.10.18. Tables 367 through 369. Reserved.

B.5.10.19. Table 370, RFD implementation actions (RFDACT). This table identifies the CCB-directed actions necessary to implement the approved RFD.

- a. Attribute enterprise-identifier (ENTIDN002) inherited from Table 706 assumes the role configuration-control-board-convening-enterprise-identifier (CCBENT370).
- b. Attribute enterprise-office-name (OFFSYM941) inherited from Table 941 assumes the role deviation-implementation-required-action-responsible-enterprise-office-name (RESOFF370).
- c. Attribute enterprise-identifier (ENTIDN002) inherited from Table 941 assumes the role deviation-implementation-process-required-action-responsible-enterprise-identifier (RESPON370).

Code	Data Element Title	DED	Key
RFDACT370	deviation-implementation-process-action-identifier	0072	K
CCBENT370	configuration-control-board-convening-enterprise-identifier	0052	FK
CCBNAM700	program-configuration-control-board-name	0151	FK
PROGNM691	program-name	0059	FK
RFDCAG350	deviation-request-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
RFDNUM350	deviation-request-document-alphanumeric-identifier	0003	FK
RFDREV351	deviation-request-document-alphanumeric-revision-identifier	0009	FK

MIL-STD-2549
APPENDIX B

RFDTYP350	deviation-request-document-type-code	0004	FK
RESOFF370	deviation-implementation-required-action-responsible-enterprise-office-name	0044	FK
RESPON370	deviation-implementation-process-required-action-responsible-enterprise-identifier	0052	FK
REVSTA850	document-revision-approval-process-disposition-status-code	0021	FK
STADAT850	document-revision-approval-process-disposition-status-date	0082	FK
ACTCOM370	process-action-comment-text	0066	
ACTDES370	deviation-implementation-process-action-item-description-text	0185	M
ACTTTL370	process-action-item-title-name	0136	M

B.5.10.20. Table 371. Reserved.

B.5.10.21. Table 372, RFD Implementation Action Status (RFDSTATSTAT). This table contains the status of each action item necessary to implement the approved RFD.

Code	Data Element Title	DED	Key
STACOD372	deviation-implementation-process-action-disposition-status-code	0021	K
STADAT372	deviation-implementation-process-action-disposition-status-date	0082	K
CCBENT370	configuration-control-board-convening-enterprise-identifier	0052	FK
CCBNAM700	program-configuration-control-board-name	0151	FK
PROGNM691	program-name	0059	FK
RFDSTAT370	deviation-implementation-process-action-identifier	0072	FK
RFDCAG350	deviation-request-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
RFDNUM350	deviation-request-document-alphanumeric-identifier	0003	FK
RFDREV351	deviation-request-document-alphanumeric-revision-identifier	0009	FK
RFDTYP350	deviation-request-document-type-code	0004	FK
ACTCOM372	process-action-comment-text	0066	

B.5.10.22. Table 373, RFD approval process status (RFDREVSTAT). This table contains the status of an RFD revision as it is processed through the approval process by the CDCA of the RFD. Although not shown, it can be proven that the series of subtype relationships between Table GENERIC-DOCREV/011 and this table also exist between Table DOCREVSTAT/850 and this table. Therefore, Table 373 is a de facto subtype of Table 850, and all the data elements, rules and relationships of Table 850 apply.

- a. Because this table is a de facto subtype of Table 850, deviation-request-document-source-enterprise-defense-logistics--assigned-identification-code (RFDCAG350) inherited from Table 351 is really a document-source-entity-identifier (SRCIDN010) existing in Table 850.

MIL-STD-2549
APPENDIX B

- b. Because this table is a de facto subtype of Table 850, deviation-request-document-alphanumeric-identifier (RFDNUM350) inherited from Table 351 is really a document-identifier (DOCIDN010) existing in Table 850.
- c. Because this table is a de facto subtype of Table 850, deviation-request-document-alphanumeric-revision-identifier (RFDREV351) inherited from Table 351 is really a document-generic-revision-identifier (DOCREV011) existing in Table 850.
- d. Because this table is a de facto subtype of Table 850, deviation-request-document-type-code (RFDTYP350) inherited from Table 351 is really a document-type-code (DOCTYP010) existing in Table 850.

Code	Data Element Title	DED	Key
REVSTA850	document-revision-approval-process-disposition-status-code	0021	FK
RFDCAG350	deviation-request-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
RFDNUM350	deviation-request-document-alphanumeric-identifier	0003	FK
RFDREV351	deviation-request-document-alphanumeric-revision-identifier	0009	FK
RFDTYP350	deviation-request-document-type-code	0004	FK
STADAT850	document-revision-approval-process-disposition-status-date	0082	FK

B.5.10.23. Table 374, Approved RFDs (RFDREV-APP). This table is one subtype of RFDREVSTAT/373 which contains the subset of the contents of Table 373 consisting of those documents which are approved RFDs; therefore, the value of document-revision-approval-process-disposition-status-code must be 'APP'. Although not shown, it can be proven that the series of subtype relationships between Table GENERIC-DOCREV/011 and this table also exist between Table DOCREV-APP/854 and this table. Therefore, Table 374 is a de facto subtype of Table 854, and all the data elements, rules and relationships of Table 854 apply. This table is singled out in the data model due to the unique relationships associated with it.

- a. Because this table is a de facto subtype of Table 854, deviation-request-document-source-enterprise-defense-logistics--assigned-identification-code (RFDCAG350) inherited from Table 373 is really a document-source-entity-identifier (SRCIDN010) existing in Table 854.
- b. Because this table is a de facto subtype of Table 854, deviation-request-document-alphanumeric-identifier (RFDNUM350) inherited from Table 373 is really a document-identifier (DOCIDN010) existing in Table 854.
- c. Because this table is a de facto subtype of Table 854, deviation-request-document-alphanumeric-revision-identifier (RFDREV351) inherited from Table 373 is really a document-generic-revision-identifier (DOCREV011) existing in Table 854.
- d. Because this table is a de facto subtype of Table 854, deviation-request-document-type-code (RFDTYP350) inherited from Table 373 is really a document-type-code (DOCTYP010) existing in Table 854.

MIL-STD-2549
APPENDIX B

Code	Data Element Title	DED	Key
REVSTA850	document-revision-approval-process-disposition-status-code	0021	FK
RFDCAG350	deviation-request-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK, AK1
RFDNUM350	deviation-request-document-alphanumeric-identifier	0003	FK, AK1
RFDREV351	deviation-request-document-alphanumeric-revision-identifier	0009	FK
RFDTYP350	deviation-request-document-type-code	0004	FK, AK1
STADAT850	document-revision-approval-process-disposition-status-date	0082	FK

B.5.10.24. Tables 375 through 399. Reserved.

MIL-STD-2549
APPENDIX B

B.5.11. Standardization documents and standard parts and materials. Entity tables numbered in the range of 400 through 449 contain the identification of standardization documents, along with all associated unique attributes. Standardization documents include specifications, standards, handbooks, guidebooks, codes, practices, procedures, protocols, regulations, manuals, etc. which are issued for the purpose of standardizing or codifying practices, procedures, processes, materials, parts, etc. within a segment of a company, industry, or government. (For example: Military Standards, Federal Specifications, ISO Application Protocols, EIA Bulletins, AECMA Documents, SAE Standard Practices, AF Regulations, Code of Federal Regulations [CFR], Standard NATO Agreements (STANAGs), company Standard Procedures, etc.) This section specifically excludes program-unique specifications (see B.5.2.30), DOD Technical Manuals/Orders (see B.5.13.36), and Data Item Descriptions (see B.5.15.15). This section also identifies parts and materials defined by standardization documents. (For example: MS-parts, NAS-parts, DIN-parts, etc.) The relationships between these various standardization document entity tables are depicted in Figure 11STDS1 through 11STDS5.

B.5.11.1. Table 400, Standardization documents (STDDOC). This table is a subcategory of Table NUMDOC/020 for the case where the value of document-type-code is 'STDDOC'. It contains standardization documents which are identified by an alphanumeric identifier. This table has three subcategories: ORGSTDDOC/402, CAGSTDDOC/430, and COMSTDNUMDOC/440.

- a. For each value of product--tracking-base--identifier (BASNUM500) in this table, there may be one (but only one) instance in this table where the value of BASNUM500 is the same as the value of the concatenation of enterprise-identifier (ENTIDN002), document-alphanumeric-identifier (DOCNUM020), and document-type-code (DOCTYP010).

Code	Data Element Title	DED	Key
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCTYP010	document-type-code	0004	FK
SRCENT020	document-source-enterprise-identifier	0052	FK
BASNUM500	product--tracking-base--identifier	0056	FK, O
PRDTYP400	product-type-code	0034	M

B.5.11.2. Table 401, Revisions to standardization documents (STDDOCREV). This table is a subcategory of Table NUMDOCREV/021 for the case where the value of document-type-code is 'STDDOC'. It contains revision history of standardization documents. Due to parallel categorization, this table is a de facto child of Table STDDOC/400. This table has three subcategories: ORGSTDDOCREV/403, CAGESTDDOCREV/431, and COMSTDDOCREV/441.

Code	Data Element Title	DED	Key
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCREV011	document-generic-revision-identifier	0243	FK
DOCTYP010	document-type-code	0004	FK
SRCENT020	document-source-enterprise-identifier	0052	FK

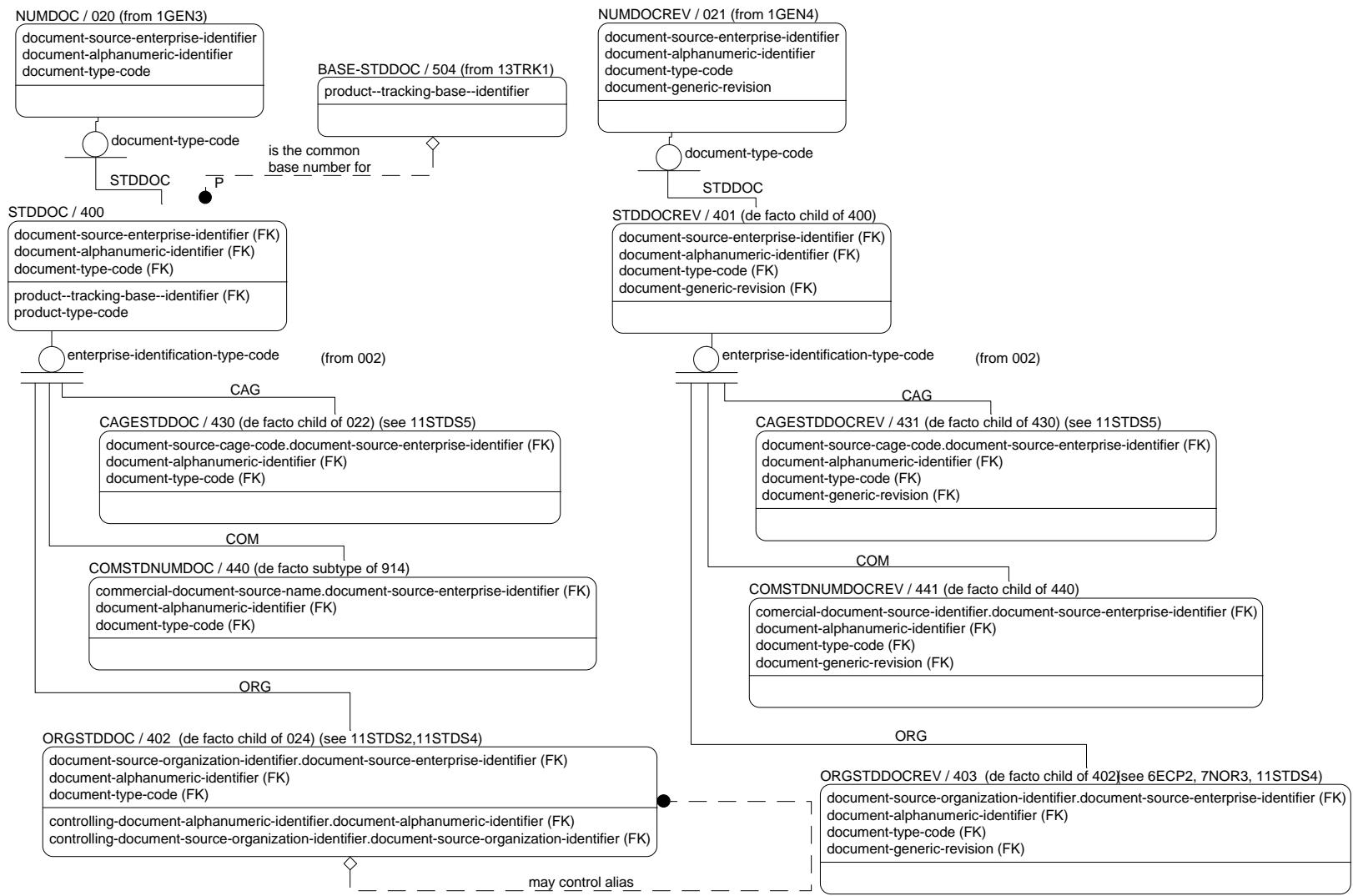


FIGURE 11STD5
STANDARDIZATION DOCUMENTS

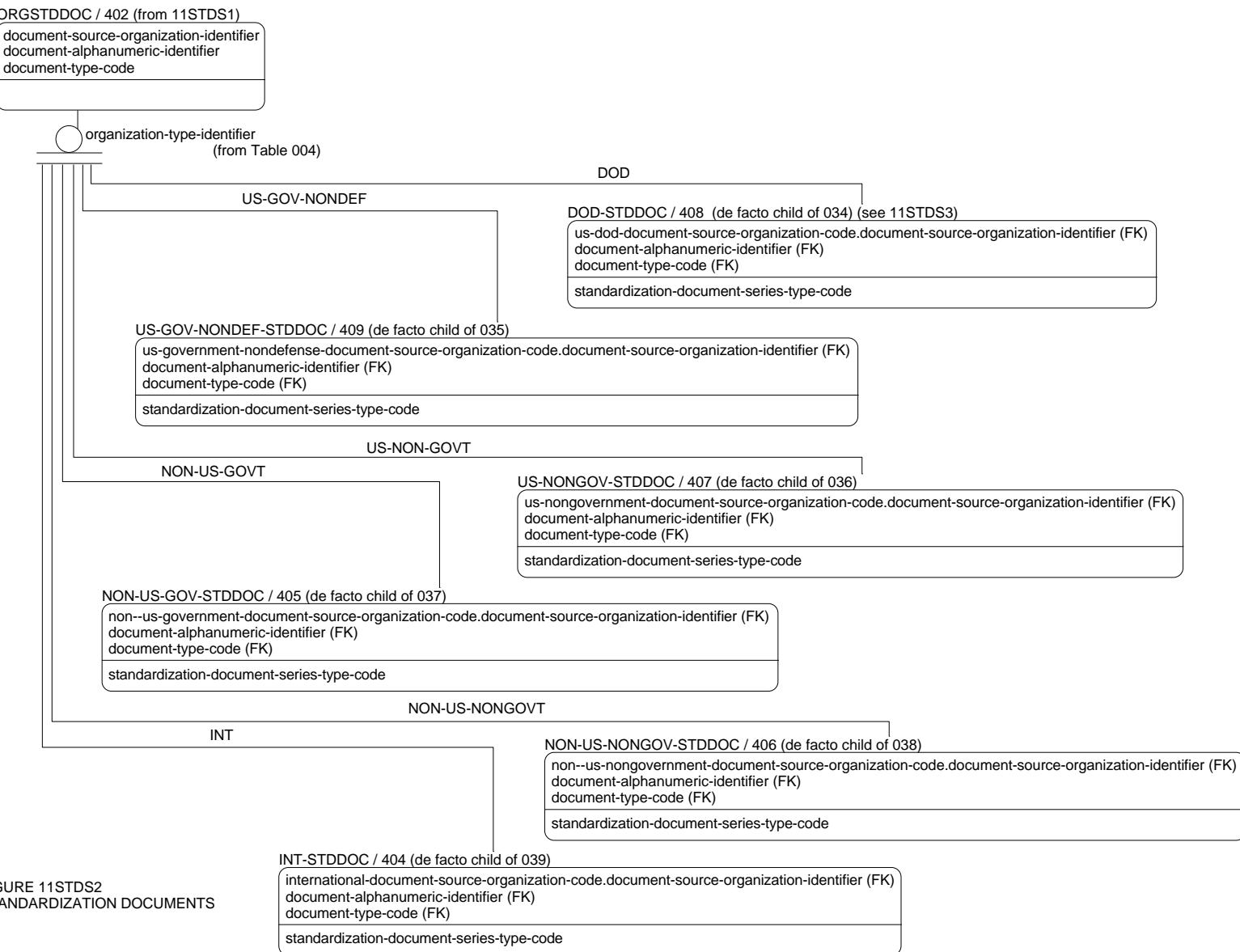


FIGURE 11STDS2
STANDARDIZATION DOCUMENTS

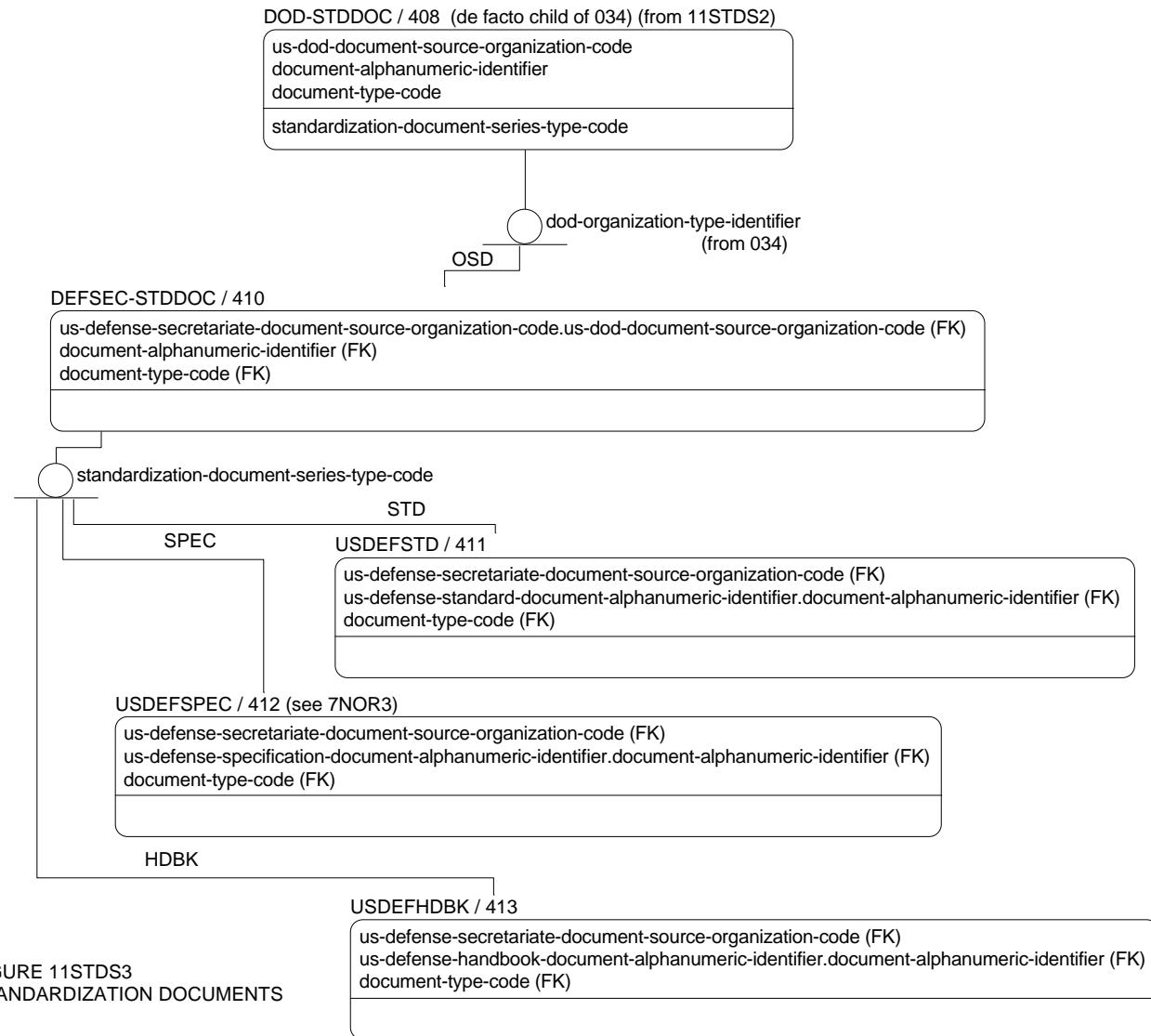


FIGURE 11STDS3
STANDARDIZATION DOCUMENTS

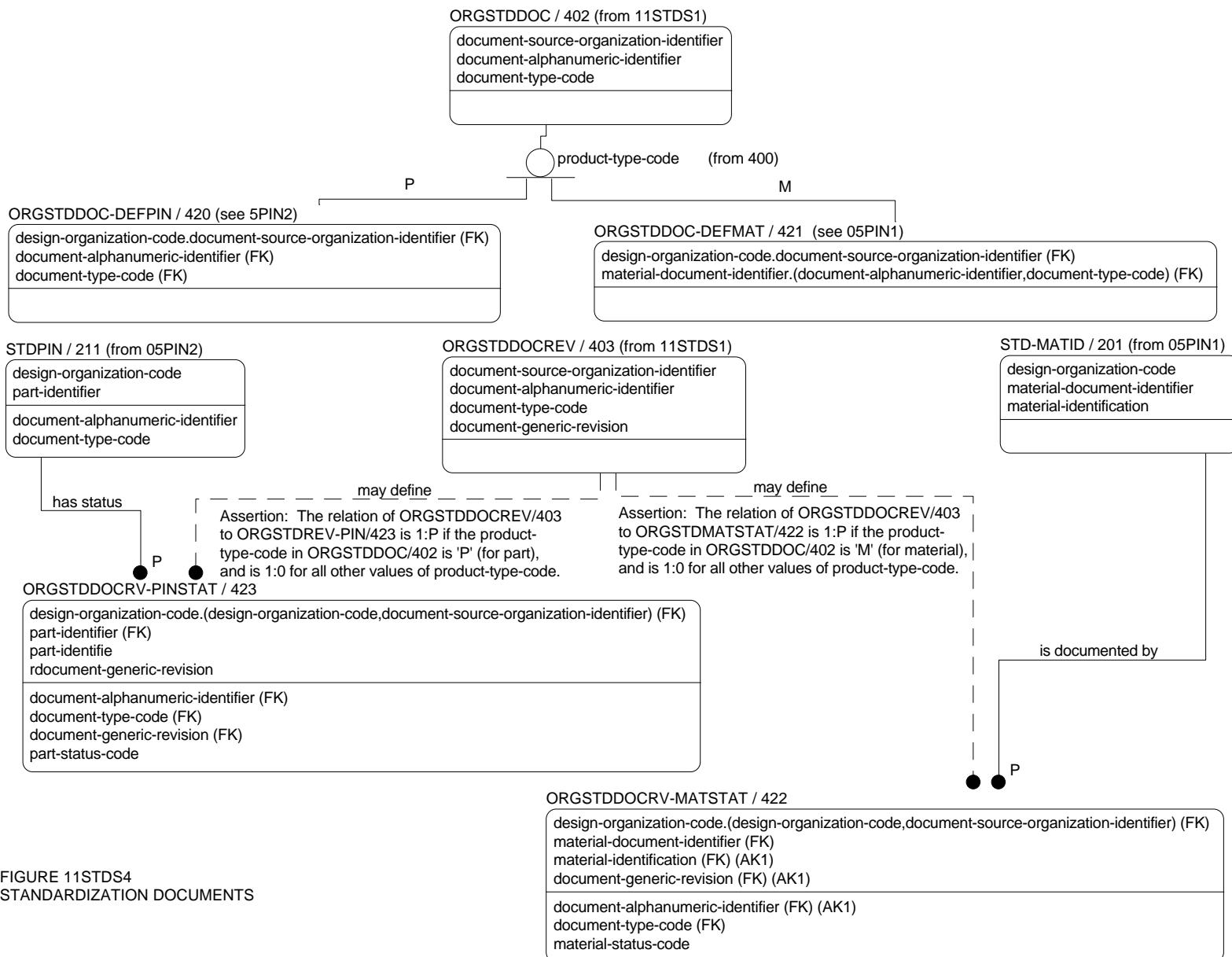


FIGURE 11STDS4
STANDARDIZATION DOCUMENTS

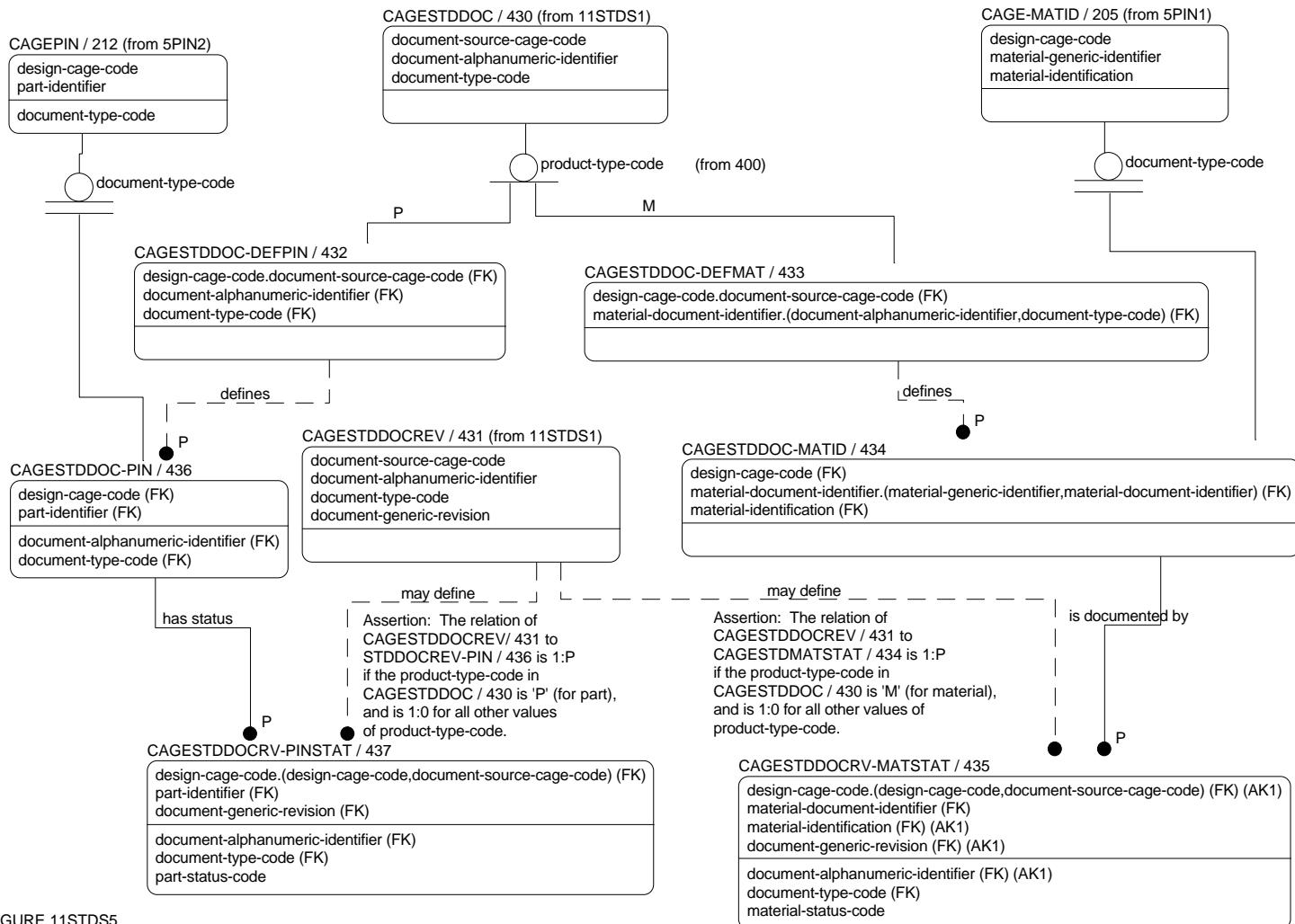


FIGURE 11STDS5
STANDARDIZATION DOCUMENTS

MIL-STD-2549
APPENDIX B

B.5.11.3. Table 402, Standardization documents issued by an organization identified by acronym (ORGSTDDOC). This table is a subcategory of Table STDDOC/400 for the case where the value of enterprise-identification-type-code in Table 002 is 'ORG'. It contains the subset of standardization documents which are issued by organizations identified by an acronym. Due to parallel categorization, this table is a de facto child of Table ORG-NUM-DOC/024. Because it is a de facto child of Table 024, it has the same six subtypes as Table 024; thus, the subcategories are: INTSTDDOC/404, FOREIGNGOVSTDDOC/405, FOREIGN-NONGOVSTDDOC/406, USNONGOVSTDDOC/407, USDODSTDDOC/408, and OTHERUSGOVSTDDOC/409.

- a. Sometimes more than one organization will issue the same document by applying an alias identifier. For example: (1) ANSI's document Y14.24M is an alias for ASTM's document Y14.24M and (2) DNA's document DNA INST 5010.18 is an alias for Army's document AR 70-37. If this document is an alias for a document issued by another organization, the controlling document organization and identifier are entered as the controlling-document-enterprise-acronym-identification-code (CORGID402) and controlling-document-alphanumeric-identifier (CDOCNO402), respectively.
- b. Attribute document-alphanumeric-identifier (DOCNUM020) inherited from Table 402 assumes the role controlling-document-alphanumeric-identifier (CDOCNO402).
- c. Attribute document-source-organization-identifier (SRCORG024) inherited from Table 402 assumes the role controlling-document-source-enterprise-acronym-identification-code (CORGID402).
- d. Because this table is a de facto child of Table 024, document-source-enterprise-identifier (SRCENT020) inherited from Table 400 is really a document-source-organization-identifier (SRCORG024) existing in Table 024. Therefore, SRCENT020 assumes the identity SRCORG024.

Code	Data Element Title	DED	Key
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCTYP010	document-type-code	0004	FK
SRCORG024	document-source-organization-identifier	0096	FK
CDOCNO402	controlling-document-alphanumeric-identifier	0003	FK, O
CORGID402	controlling-document-source-enterprise-acronym-identification-code	0002	FK, O

B.5.11.4. Table 403, Revisions to standardization documents issued by an organization identified by acronym (ORGSTDDOCREV). This table is a subcategory of Table STDDOCREV/401 for the case where the value of enterprise-identification-type-code in Table 002 is 'ORG'. It contains revisions to the subset of standardization documents which are issued by organizations identified by an acronym. Due to parallel categorization, this table is a de facto child of Table ORGSTDDOC/402. Because it is a de facto child of Table 402, it has the same six subtypes as Table 402; however, these are not shown graphically.

- a. Because this table is a de facto child of Table 402, document-source-enterprise-identifier (SRCENT020) inherited from Table 401 is really a document-source-organization-identifier (SRCORG024) existing in Table 402. Therefore, SRCENT020 assumes the identity SRCORG024.

MIL-STD-2549
APPENDIX B

Code	Data Element Title	DED	Key
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCREV011	document-generic-revision-identifier	0243	FK
DOCTYP010	document-type-code	0004	FK
SRCORG024	document-source-organization-identifier	0096	FK

B.5.11.5. Table 404, Standardization documents issued by an international organization (INT-STDDOC). This table is a subcategory of Table ORGSTDDOC/402 for the case where the value of organization-type-identifier (ORGTYPE004) in Table 004 is 'INT'. It contains the subset of standardization documents which are issued by international organizations identified by an acronym. Due to parallel categorization, this table is a de facto child of Table INTERNATIONAL-ORGANIZATION/039. No subcategories are shown for this entity; however, if it is desired that specific document identification rules (for example numbering formats) be enforced by the system, subcategories may be created based on international-design-enterprise-acronym-identification-code (INTORG404) and standardization-document-series-type-code (SERIES404).

- a. Because this table is a de facto child of Table 039, the value of document-source-organization-identifier (SRCORG024) inherited from Table 402 must exist as a international-enterprise-acronym-identification-code (INTORG039) in Table 039. SRCORG024 assumes the role international-document-source-enterprise-acronym-identification-code (SRCINT404).

Code	Data Element Title	DED	Key
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCTYP010	document-type-code	0004	FK
SRCINT404	international-document-source-enterprise-acronym-identification-code	0002	FK
SERIES404	standardization-document-series-type-code	0242	M

B.5.11.6. Table 405, Standardization documents issued by a non-U.S. government organization (NON-US-GOV-STDDOC). This table is a subcategory of Table ORGSTDDOC/402 for the case where the value of organization-type-identifier (ORGTYPE004) in Table 004 is 'NON-US-GOV'. It contains the subset of standardization documents which are issued by non-U.S. government organizations identified by an acronym. Due to parallel categorization, this table is a de facto child of Table FOREIGN-GOVT-ORGANIZATION/037. No subcategories are shown for this entity; however, if it is desired that specific document identification rules (for example numbering formats) be enforced by the system, subcategories may be created based on non--united-states-government-design-enterprise-acronym-identification-code (FGOVOR405) and standardization-document-series-type-code (SERIES405).

- a. Because this table is a de facto child of Table 037, the value of document-source-organization-identifier (SRCORG024) inherited from Table 402 must exist as a non--united-states-government-enterprise-acronym-identification-code (FGOVOR037) in Table 037. SRCORG024 assumes the role non--united-states-government-document-source-enterprise-acronym-identification-code (SRCFGV405).

MIL-STD-2549
APPENDIX B

Code	Data Element Title	DED	Key
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCTYP010	document-type-code	0004	FK
SRCFGV405	non--united-states-government-document-source-enterprise-acronym-identification-code	0002	FK
SERIES405	standardization-document-series-type-code	0242	M

B.5.11.7. Table 406, Standardization documents issued by a non-U.S. nongovernment organization (NONUS-NONGOVT-STDDOC). This table is a subcategory of Table ORGSTDDOC/402 for the case where the value of organization-type-identifier (ORGTYPE004) in Table 004 is 'NON-US-NONGOV'. It contains the subset of standardization documents which are issued by non-U.S. nongovernment organizations identified by an acronym. Due to parallel categorization, this table is a de facto child of Table FOREIGN-NON-GOVT-ORGANIZATION/038. No subcategories are shown for this entity; however, if it is desired that specific document identification rules (for example numbering formats) be enforced by the system, subcategories may be created based on non--united-states-nongovernment-design-enterprise-acronym-identification-code (FNGVOR406) and standardization-document-series-type-code (SERIES406).

- a. Because this table is a de facto child of Table 038, the value of document-source-organization-identifier (SRCORG024) inherited from Table 402 must exist as a non--united-states-nongovernment-enterprise-acronym-identification-code (FNGVOR038) in Table 038. SRCORG024 assumes the role non--united-states-nongovernment-document-source-enterprise-acronym-identification-code (SRCFNG406).

Code	Data Element Title	DED	Key
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCTYP010	document-type-code	0004	FK
SRCFNG406	non--united-states-nongovernment-document-source-enterprise-acronym-identification-code	0002	FK
SERIES406	standardization-document-series-type-code	0242	M

B.5.11.8. Table 407, Standardization documents issued by a U.S. nongovernment organization (US-NONGOVT-STDDOC). This table is a subcategory of Table ORGSTDDOC/402 for the case where the value of organization-type-identifier (ORGTYPE004) in Table 004 is 'US-NONGOV'. It contains the subset of standardization documents which are issued by U.S. nongovernment organizations identified by an acronym. Due to parallel categorization, this table is a de facto child of Table US-NON-GOVT-ORGANIZATION/036. No subcategories are shown for this entity; however, if it is desired that specific document identification rules (for example numbering formats) be enforced by the system, subcategories may be created based on the united-states-nongovernment-design-enterprise-acronym-identification-code (INDORG407) and standardization-document-series-type-code (SERIES407).

- a. Because this table is a de facto child of Table 036, the value of document-source-organization-identifier (SRCORG024) inherited from Table 402 must exist as a united-states-nongovernment-enterprise-acronym-identification-code (INDORG036) in Table 036. SRCORG024 assumes the role united-states-nongovernment-document-source-enterprise-acronym-identification-code (SRCIND407).

MIL-STD-2549
APPENDIX B

Code	Data Element Title	DED	Key
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCTYP010	document-type-code	0004	FK
SRCCIND407	united-states-nongovernment-document-source-enterprise-acronym-identification-code	0002	FK
SERIES407	standardization-document-series-type-code	0242	M

B.5.11.9. Table 408, Standardization documents issued by a U.S. DOD organization (DOD-STDDOC). This table is a subcategory of Table ORGSTDDOC/402 for the case where the value of organization-type-identifier (ORGTYPE004) in Table 004 is 'US-DOD'. It contains the subset of standardization documents which are issued by U.S. DOD organizations identified by an acronym. Due to parallel categorization, this table is a de facto child of Table DOD-ORGANIZATION/034. Because this table is a de facto child of Table 034, it has the same five subcategories as Table 034 based on the dod-organization-type-identifier (DODTYPE034) in Table 034. For illustration, only Table DEFSEC-STDDOC/410 has been specifically addressed in the model. (See Table 034 for the other subcategories of this entity.)

- a. Because this table is a de facto child of Table 034, the value of document-source-organization-identifier (SRCORG024) inherited from Table 402 must exist as a united-states-defense-department-enterprise-acronym-identification-code (DODORG034) in Table 034. SRCORG024 assumes the role united-states-defense-department-document-source-enterprise-acronym-identification-code (SRCDOD408).

Code	Data Element Title	DED	Key
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCTYP010	document-type-code	0004	FK
SRCDOD408	united-states-defense-department-document-source-enterprise-acronym-identification-code	0002	FK
SERIES408	standardization-document-series-type-code	0242	M

B.5.11.10. Table 409, Standardization documents issued by a U.S. Government nondefense organization (USGOV-NONDEF-STDDOC). This table is a subcategory of Table ORGSTDDOC/402 for the case where the value of organization-type-identifier (ORGTYPE004) in Table 004 is 'US-GOV-NONDEF'. It contains the subset of standardization documents which are issued by U.S. government organizations (other than those in the Department of Defense) identified by an acronym. Due to parallel categorization, this table is a de facto child of Table OTHER-US-GOVT-ORGANIZATION/035. No subcategories are shown for this entity; however, if it is desired that specific document identification rules (for example numbering formats) be enforced by the system, subcategories may be created based on the united-states-government-nondefense-design-enterprise-acronym-identification-code (GOVORG409) and standardization-document-series-type-code (SERIES409).

- a. Because this table is a de facto child of Table 035, the value of document-source-organization-identifier (SRCORG024) inherited from Table 402 must exist as a united-states-government-nondefense-enterprise-acronym-identification-code (GOVORG035) in Table 035. SRCORG024 assumes the role united-states-government-nondefense-document-source-enterprise-acronym-identification-code (SRCGOV409).

MIL-STD-2549
APPENDIX B

Code	Data Element Title	DED	Key
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCTYP010	document-type-code	0004	FK
SRCGOV409	united-states-government-nondefense-document-source-enterprise-acronym-identification-code	0002	FK
SERIES409	standardization-document-series-type-code	0242	M

B.5.11.11. Table 410, Standardization documents issued by a U.S. defense secretariate organization (DEFSEC-STDDOC). This table is a subcategory of Table DOD-STDDOC/408 for the case where the value of united-states-defense-department-organization-type-identifier (DOCTYP034) in Table 034 is 'OSD'. It contains the subset of standardization documents which are issued by U.S. Office of the Secretary of Defense organizations identified by an acronym. The three subcategories shown are for the case where the value of OSDORG410 is 'DOD' and are included as examples because of the specific numbering rules associated with them. Other categories for this case which are not shown graphically would include 'USDODD' (DOD Directives), 'USDODI' (DOD Instructions), 'USDODP' (DOD Procedures), etc. (For archival purposes, 'BULL' [for military bulletins] could be included.) If it is desired that specific document identification rules be enforced by the database for other series of documents, subcategories may be created based on the united-states-defense-secretariate-design-enterprise-acronym-identification-code (OSDORG410) and standardization-document-series-type-code (SERIES408 in Table 408).

- a. Attribute united-states-defense-department-document-source-enterprise-acronym-identification-code (SRCDOD408) inherited from Table 408 assumes the role united-states-defense-secretariate-document-source-enterprise-acronym-identification-code (SRCOSD410).

Code	Data Element Title	DED	Key
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCTYP010	document-type-code	0004	FK
SRCOSD410	united-states-defense-secretariate-document-source-enterprise-acronym-identification-code	0002	FK

B.5.11.12. Table 411, U.S. defense standards (USDEFSTD). This table is a subcategory of Table DEFSEC-STDDOC/410 for the case where the value of united-states-defense-secretariate-design-enterprise-acronym-identification-code (SRCOSD410) in Table 410 is 'DOD' and the value of standardization-document-series-type-code (SERIES408) in Table 408 is 'STD'. It contains the subset of U.S. OSD standardization documents which are standards.

- a. Attribute document-alphanumeric-identifier (DOCNUM020) inherited from Table 410 assumes the role united-states-defense-standard-document-alphanumeric-identifier (STDNUM411).

Code	Data Element Title	DED	Key
DOCTYP010	document-type-code	0004	FK
SRCOSD410	united-states-defense-secretariate-document-source-enterprise-acronym-identification-code	0002	FK
STDNUM411	united-states-defense-standard-document-alphanumeric-identifier	0003	FK

MIL-STD-2549
APPENDIX B

B.5.11.13. Table 412, U.S. defense specifications (USDEFSPEC). This table is a subcategory of Table DEFSEC-STDDOC/410 for the case where the value of united-states-defense-secretariate-design-enterprise-acronym-identification-code (SRCOSD410) in Table 410 is 'DOD' and the value of standardization-document-series-type-code (SERIES408) in Table 408 is 'SPEC'. It contains the subset of U.S. OSD standardization documents which are specifications.

- a. Attribute document-alphanumeric-identifier (DOCNUM020) inherited from Table 410 assumes the role united-states-defense-specification-document-alphanumeric-identifier (SPCNUM412).

Code	Data Element Title	DED	Key
DOCTYP010	document-type-code	0004	FK
SPCNUM412	united-states-defense-specification-document-alphanumeric-identifier	0003	FK
SRCOSD410	united-states-defense-secretariate-document-source-enterprise-acronym-identification-code	0002	FK

B.5.11.14. Table 413, U.S. defense handbooks (USDEFHDBK). This table is a subcategory of Table DEFSEC-STDDOC/410 for the case where the value of united-states-defense-secretariate-design-enterprise-acronym-identification-code (SRCOSD410) in Table 410 is 'DOD' and the value of standardization-document-series-type-code (SERIES408) in Table 408 is 'HDBK'. It contains the subset of U.S. OSD standardization documents which are handbooks. (Note: Do not confuse DOD handbooks with DLA handbooks.)

- a. Attribute document-alphanumeric-identifier (DOCNUM020) inherited from Table 410 assumes the role united-states-defense-handbook-document-alphanumeric-identifier (HBKNUM413).

Code	Data Element Title	DED	Key
DOCTYP010	document-type-code	0004	FK
HBKNUM413	united-states-defense-handbook-document-alphanumeric-identifier	0003	FK
SRCOSD410	united-states-defense-secretariate-document-source-enterprise-acronym-identification-code	0002	FK

B.5.11.15. Tables 414 through 419. Reserved.

B.5.11.16. Table 420, Standardization documents which define part numbers (ORSSTDDOC-DEFPIN). This table is a subcategory of Table ORGSTDDOC/402 for the case where the value of product-type-code (PRDTYP400) in Table 400 is 'P'. It contains the subset of standardization documents consisting of those documents which are issued by an organization identified by an acronym and which define parts and identify them by part number.

- a. Attribute document-source-organization-identifier (SRCORG024) inherited from Table 402 assumes the role design-enterprise-acronym-identification-code (DESORG420).

Code	Data Element Title	DED	Key
DESORG420	design-enterprise-acronym-identification-code	0002	FK
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCTYP010	document-type-code	0004	FK

MIL-STD-2549
APPENDIX B

B.5.11.17. Table 421, Standardization documents which define materials (ORGSTDDOC-DEFMAT). This table is a subcategory of Table ORGSTDDOC/402 for the case where the value of product-type-code (PRDTYP400) in Table 400 is 'M'. It contains the subset of standardization documents consisting of those documents which are issued by a organization identified by an acronym and which define materials and parts not identified by part number.

- a. Attribute document-source-organization-identifier (SRCORG024) inherited from Table 402 assumes the role design-enterprise-acronym-identification-code (DESORG421).
- b. The attributes document-alphanumeric-identifier (DOCNUM020) and document-type-code (DOCTYP010) inherited from Table 402 are concatenated and assume the role material-document-identifier (MATDOC421). (See Appendix C for concatenation order.)

Code	Data Element Title	DED	Key
DESORG421	design-enterprise-acronym-identification-code	0002	FK
MATDOC421	material-document-identifier	0192	FK

B.5.11.18. Table 422, Material release status correlated with standardization document revision (ORGSTDDOCRV-MATSTAT). This table correlates material identifiers (not part numbers) to the specific standardization document revision(s) in which they are defined and indicates the release status of the material.

- a. For each instance in this table, the value of the combination of document-type-code (DOCTYP010) and document-alphanumeric-identifier (DOCNUM020) must be the same as the value of material-document-identifier (MATDOC421).
- b. Attribute design-enterprise-acronym-identification-code (DESORG421) inherited from Table 201 and document-source-organization-identifier (SRCORG024) inherited from Table 403 must both have the same value. Therefore they merge and assume the identity design-enterprise-acronym-identification-code (DESORG421).

Code	Data Element Title	DED	Key
DESORG421	design-enterprise-acronym-identification-code	0002	FK, AK1
DOCNUM020	document-alphanumeric-identifier	0003	FK, AK1
DOCREV011	document-generic-revision-identifier	0243	FK, AK1
DOCTYP010	document-type-code	0004	FK
MATDOC421	material-document-identifier	0192	FK
MATIDN200	material-product-identifier	0038	FK, AK1
MATSTA422	material-product-status-code	0035	M

B.5.11.19. Table 423, Part release status correlated with standardization document revision (ORGSTDDOCRV-PINSTAT). This table correlates part identifiers to the specific standardization document revision(s) in which they are defined and indicates the release status of the part.

MIL-STD-2549
APPENDIX B

- a. For each instance in this table, the combination of the value of document-alphanumeric-identifier (DOCNUM020) and document-type-code (DOCTYP010) must be the same as the combination of the values of the same fields for the parent instance in Table STDPIN/211.
- b. Attribute design-enterprise-acronym-identification-code (DESORG420) inherited from Table 211 and document-source-organization-identifier (SRCORG024) inherited from Table 403 must both have the same value. Therefore they merge and assume the identity design-enterprise-acronym-identification-code (DESORG420).

Code	Data Element Title	DED	Key
DESORG420	design-enterprise-acronym-identification-code	0002	FK
DOCREV011	document-generic-revision-identifier	0243	FK
PARNUM210	part-product-identifier	0024	FK
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCTYP010	document-type-code	0004	FK
PARSTA423	part-product-status-code	0035	M

B.5.11.20. Tables 424 through 429. Reserved.

B.5.11.21. Table 430, Standardization documents issued by an organization identified by CAGE code (CAGESTDDOC). This table is a subcategory of Table STDDOC/400 for the case where the value of enterprise-identification-type-code in Table 002 is 'CAG'. It contains the subset of standardization documents which are issued by organizations identified by a CAGE code (or NSCM). Due to parallel categorization, this table is a de facto child of Table CAGE/022.

- a. Because this table is a de facto child of Table 022, document-source-enterprise-identifier (SRCENT020) inherited from Table 400 is really a document-source-enterprise-defense-logistics--assigned-identification-code (SRCCAG022) existing in Table 022. Therefore, SRCENT020 assumes the identity SRCCAG022.

Code	Data Element Title	DED	Key
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCTYP010	document-type-code	0004	FK
SRCCAG022	document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK

B.5.11.22. Table 431, Revisions to standardization documents issued by an organization identified by CAGE code (CAGESTDDOCREV). This table is a subcategory of Table STDDOCREV/401 for the case where the value of enterprise-identification-type-code in Table 002 is 'CAG'. It contains revisions to the subset of standardization documents which are issued by organizations identified by a CAGE code (or NSCM).

- a. Due to parallel categorization, this table is a de facto child of Table CAGESTDDOC/430.
- b. Because this table is a de facto child of Table 430, document-source-enterprise-identifier (SRCENT020) inherited from Table 401 is really a document-source-enterprise-defense-logistics--assigned-identification-code (SRCCAG022) existing in Table 430. Therefore, SRCENT020 assumes the identity SRCCAG022.

MIL-STD-2549
APPENDIX B

Code	Data Element Title	DED	Key
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCREV011	document-generic-revision-identifier	0243	FK
DOCTYP010	document-type-code	0004	FK
SRCCAG022	document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK

B.5.11.23. Table 432, Standardization documents which define part numbers (CAGESTDDOC-DEFPIN). This table is a subcategory of Table CAGESTDDOC/430 for the case where the value of product-type-code (PRDTYP400) in Table 400 is 'P'. It contains the subset of standardization documents consisting of those documents which are issued by an organization identified by a CAGE code (or NSCM) and which define parts and identify them by part number.

- a. Attribute document-source-enterprise-defense-logistics--assigned-identification-code (SRCCAG022) inherited from Table 430 assumes the role design-enterprise-defense-logistics--assigned-identification-code (DESCAG432).

Code	Data Element Title	DED	Key
DESCAG432	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCTYP010	document-type-code	0004	FK

B.5.11.24. Table 433, Standardization documents which define materials and are issued by an organization identified by a CAGE code (CAGESTDDOC-DEFMAT). This table is a subcategory of Table ORGSTDDOC/402 for the case where the value of product-type-code (PRDTYP400) in Table 400 is 'M'. It contains the subset of standardization documents consisting of those documents which are issued by an organization identified by a CAGE code (or NSCM) and which define materials and parts not identified by part number.

- a. Attribute document-source-enterprise-defense-logistics--assigned-identification-code (SRCCAG022) inherited from Table 430 assumes the role design-enterprise-defense-logistics--assigned-identification-code (DESCAG433).
- b. The attributes document-alphanumeric-identifier (DOCNUM020) and document-type-code (DOCTYP010) inherited from Table 430 are concatenated and assume the role material-document-identifier (MATDOC433). (See Appendix C for concatenation order.)

Code	Data Element Title	DED	Key
DESCAG433	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
MATDOC433	material-document-identifier	0192	FK

B.5.11.25. Table 434, Materials defined by standardization document (CAGESTDDOC-MATID). This table is a subtype of Table CAGE-MATID/205 containing the subset of material identifiers which is limited to those

MIL-STD-2549
APPENDIX B

materials and parts which are identified by a standardization document issued by an organization which is identified by a CAGE code (or NSCM).

- a. Fields DESCAG205 inherited from Table 205 and DESCAG433 inherited from Table 433 must be the same; therefore, they assume the identity design-enterprise-defense-logistics--assigned-identification-code (DESCAG434).
- b. Attribute material-product-generic-identifier (MATGID200) inherited from Table 205 and material-document-identifier (MATDOC433) inherited from Table 433 must both have the same value. Therefore they merge and assume the identity material-document-identifier (MATDOC433).

Code	Data Element Title	DED	Key
DESCAG434	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
MATDOC433	material-document-identifier	0192	FK
MATIDN200	material-product-identifier	0038	FK

B.5.11.26. Table 435, Material release status correlated with standardization document revision (CAGESTDDOCRV-MATSTAT). This table correlates material identifiers (not part numbers) to the specific standardization document revision(s) in which they are defined and indicates the release status of the material.

- a. For each instance in this table, the value of the combination of document-type-code (DOCTYP010) and document-alphanumeric-identifier (DOCNUM020) must be the same as the value of material-document-identifier (MATDOC433).
- b. Attribute document-source-enterprise-defense-logistics--assigned-identification-code (SRCCAG022) inherited from Table 431 and design-enterprise-defense-logistics--assigned-identification-code (DESCAG434) inherited from Table 434 must both have the same value. Therefore they merge and assume the identity design-enterprise-defense-logistics--assigned-identification-code (DESCAG434).

Code	Data Element Title	DED	Key
DESCAG434	design-enterprise-defense-logistics--assigned-identification-code	0001	FK, AK1
DOCNUM020	document-alphanumeric-identifier	0003	FK, AK1
DOCREV011	document-generic-revision-identifier	0243	FK, AK1
DOCTYP010	document-type-code	0004	FK
MATDOC433	material-document-identifier	0192	FK
MATIDN200	material-product-identifier	0038	FK, AK1
MATSTA435	material-product-status-code	0035	M

B.5.11.27. Table 436, Part numbers defined by standardization documents (CAGESTDDOC-PIN). This table is a subtype of Table CAGEPIN/212 containing the subset of part numbers which are those part numbers identified by a standardization document (instead of by a drawing or program-unique specification) that is issued by a standards-issuing organization identified by a CAGE code (or NSCM).

MIL-STD-2549
APPENDIX B

- a. The value of DOCTYP010 must be the same as the value of document-type-code (DOCTYP212) for the super-type in Table 212.
- b. Fields DESCAG212 inherited from Table 212 and DESCAG432 inherited from Table 432 must be the same; therefore, they assume the identity design-enterprise-defense-logistics--assigned-identification-code (DESCAG436).

Code	Data Element Title	DED	Key
DESCAG436	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
PARNUM210	part-product-identifier	0024	FK
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCTYP010	document-type-code	0004	FK

B.5.11.28. Table 437, Part release status correlated with standardization document revision (CAGESTDDOCRV-PINSTAT). This table correlates part identifiers to the specific standardization document revision(s) in which they are defined and indicates the release status of the part.

- a. For each instance in this table, the combination of the value of document-alphanumeric-identifier (DOCNUM020) and document-type-code (DOCTYP010) must be the same as the combination of the values of the same fields for the parent instance in Table CAGSTDDOC-PIN/436.
- b. Attribute document-source-enterprise-defense-logistics--assigned-identification-code (SRCCAG022) inherited from Table 431 and design-enterprise-defense-logistics--assigned-identification-code (DESCAG436) inherited from Table 436 must both have the same value. Therefore they merge and assume the identity design-enterprise-defense-logistics--assigned-identification-code (DESCAG436).

Code	Data Element Title	DED	Key
DESCAG436	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DOCREV011	document-generic-revision-identifier	0243	FK
PARNUM210	part-product-identifier	0024	FK
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCTYP010	document-type-code	0004	FK
PARSTA437	part-product-status-code	0035	M

B.5.11.29. Tables 438 and 439. Reserved.

B.5.11.30. Table 440, Standardization documents issued by a commercial enterprise (COMSTDNUMDOC). This table is a subcategory of Table STDDOC/400 for the case where the value of enterprise-identification-type-code in Table 002 is 'COM'. It contains the subset of standardization documents which are issued by commercial enterprises. Due to parallel categorization, this table is a de facto child of Table COMPANY-NUM-DOC/026. It is also a de facto subtype of Table COMSTDDOC/914.

MIL-STD-2549
APPENDIX B

- a. Because this table is a de facto subtype of Table 914, document-alphanumeric-identifier (DOCNUM020) inherited from Table 400 is really a document-identifier (DOCIDN010) existing in Table 914.
- b. Because this table is a de facto subtype of Table 914, document-source-enterprise-identifier (SRCENT020) inherited from Table 400 is really a commercial-document-source-enterprise-name (SRCCOM910) existing in Table 914. Therefore, SRCENT020 assumes the identity SRCCOM910.

Code	Data Element Title	DED	Key
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCTYP010	document-type-code	0004	FK
SRCCOM910	commercial-document-source-enterprise-name	0170	FK

B.5.11.31. Table 441, Revisions to standardization documents issued by a commercial enterprise (COMSTDDOCREV). This table is a subcategory of Table STDDOCREV/401 for the case where the value of enterprise-identification-type-code in Table 002 is 'COM'. It contains revisions to the subset of standardization documents which are issued by commercial enterprises. Due to parallel categorization, this table is a de facto child of Table COMSTDDOC/440.

- a. Because this table is a de facto child of Table 401, commercial-document-source-enterprise-name (SRCCOM910) inherited from Table 440 is really a document-source-enterprise-identifier (SRCENT020) existing in Table 401. Therefore, SRCCOM910 assumes the identity SRCCOM026.

Code	Data Element Title	DED	Key
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCREV011	document-generic-revision-identifier	0243	FK
DOCTYP010	document-type-code	0004	FK
SRCCOM026	commercial-document-source-enterprise-name	0170	FK

B.5.11.32. Tables 442 through 449. Reserved.

MIL-STD-2549
APPENDIX B

B.5.12. Modification requests and instructions. The entity tables numbered in the range of 450 through 499 contain the identification of, and information concerning, modification requests (including Proposed Technical Improvements, Proposed Military Improvements, and Materiel Improvement Program requests, etc.) and modification instructions (including technical directives, time-compliance technical orders, rapid action change orders, modification work orders, SHIPALTs, etc.) and modification kit information. Modification requests serve the same purpose as ECPs in that they initiate a request to change hardware. They differ from ECPs in that they do not cause a change to existing engineering drawings, unless they result in the initiation of an ECP. Modification instructions are used to direct that changes be made to fielded hardware or software. The may be the result of an approved modification request or of an approved ECP. The relationship between these various entity tables are depicted in Figures 12MOD1 through 12MOD5.

B.5.12.1. Table 450, Modification requests (MODREQ). This table is a subcategory of Table GENERIC-DOC/010 for the case where the value of document-type-code is 'MODREQ'. It contains the subset of documents which are used to request permission to modify inventory assets on a permanent or temporary basis. Three of the possible subcategories are shown: PTIREQ/451, PMIREQ/452, and MIPREQ/453. Other subcategories may be added with proper authority.

- a. Attribute document-type-code (DOCTYP010) inherited from Table 010 assumes the role modification-request-document-type-code (MRQTYP450).

Code	Data Element Title	DED	Key
DOCIDN010	document-identifier	0122	FK
MRQTYP450	modification-request-document-type-code	0004	FK
SRCIDN010	document-source-entity-identifier	0033	FK
MODSUB450	modification-request-document-subsidiary-type-code	0142	

B.5.12.2. Table 451, Proposed technical improvement modification requests (PTIREQ). This table is a subcategory of Table MODREQ/450 for the case where the value of modification-request-document-subsidiary-type-code is 'PTI'. It contains the subset of documents which are proposed technical improvement requests.

Code	Data Element Title	DED	Key
DOCIDN010	document-identifier	0122	FK
MRQTYP450	modification-request-document-type-code	0004	FK
SRCIDN010	document-source-entity-identifier	0033	FK

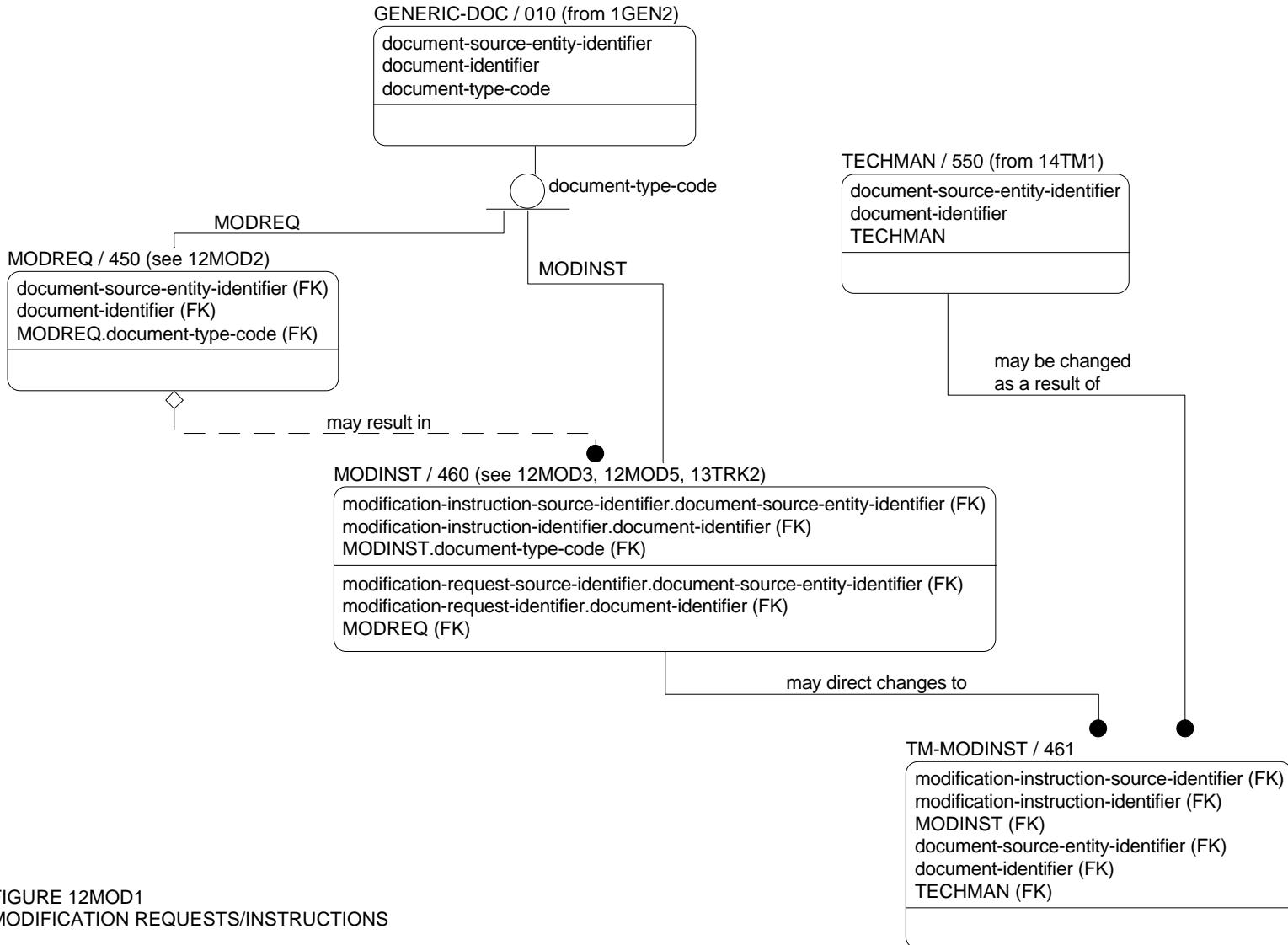


FIGURE 12MOD1
MODIFICATION REQUESTS/INSTRUCTIONS

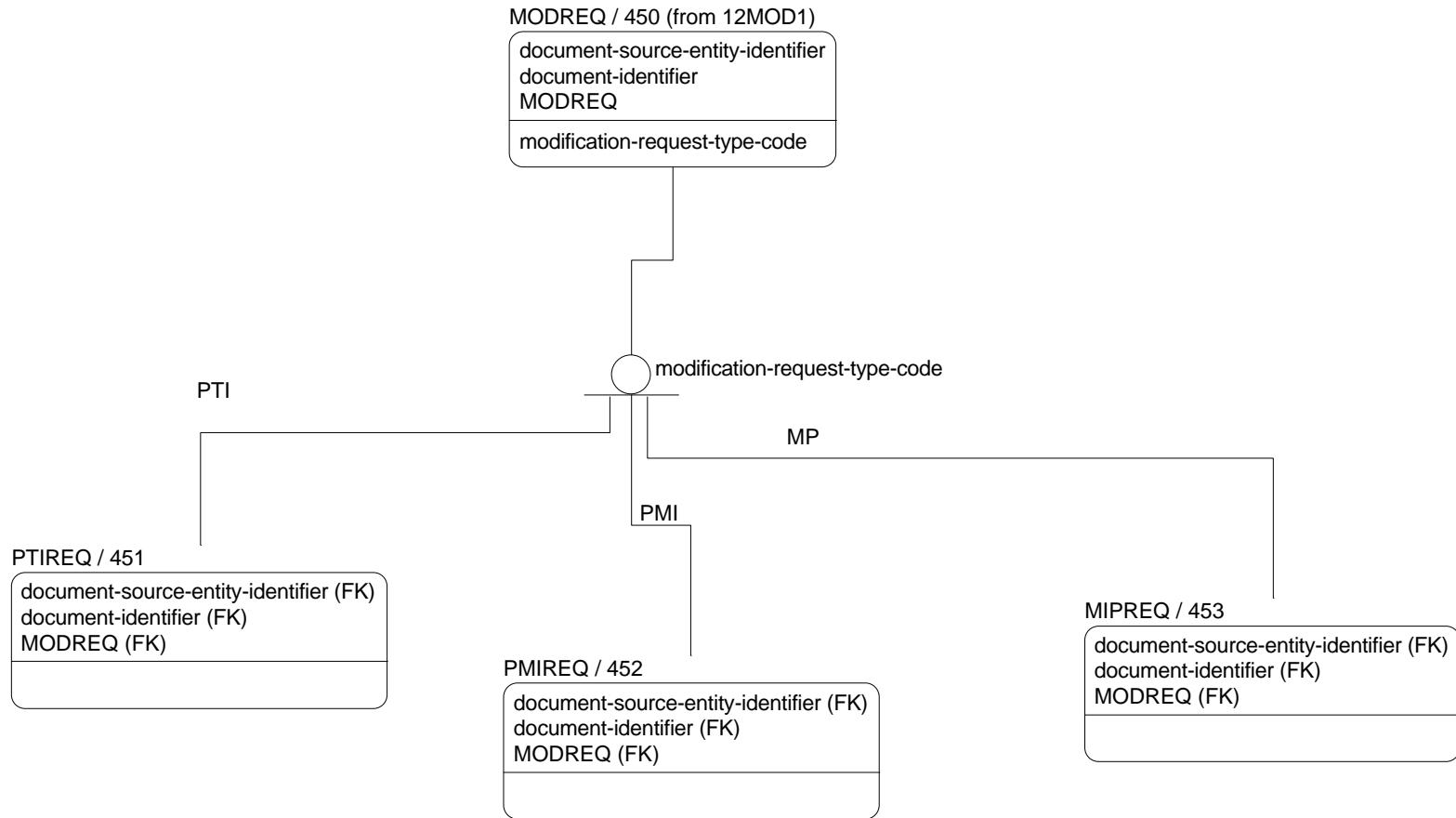


FIGURE 12MOD2
MODIFICATION REQUESTS

B-204

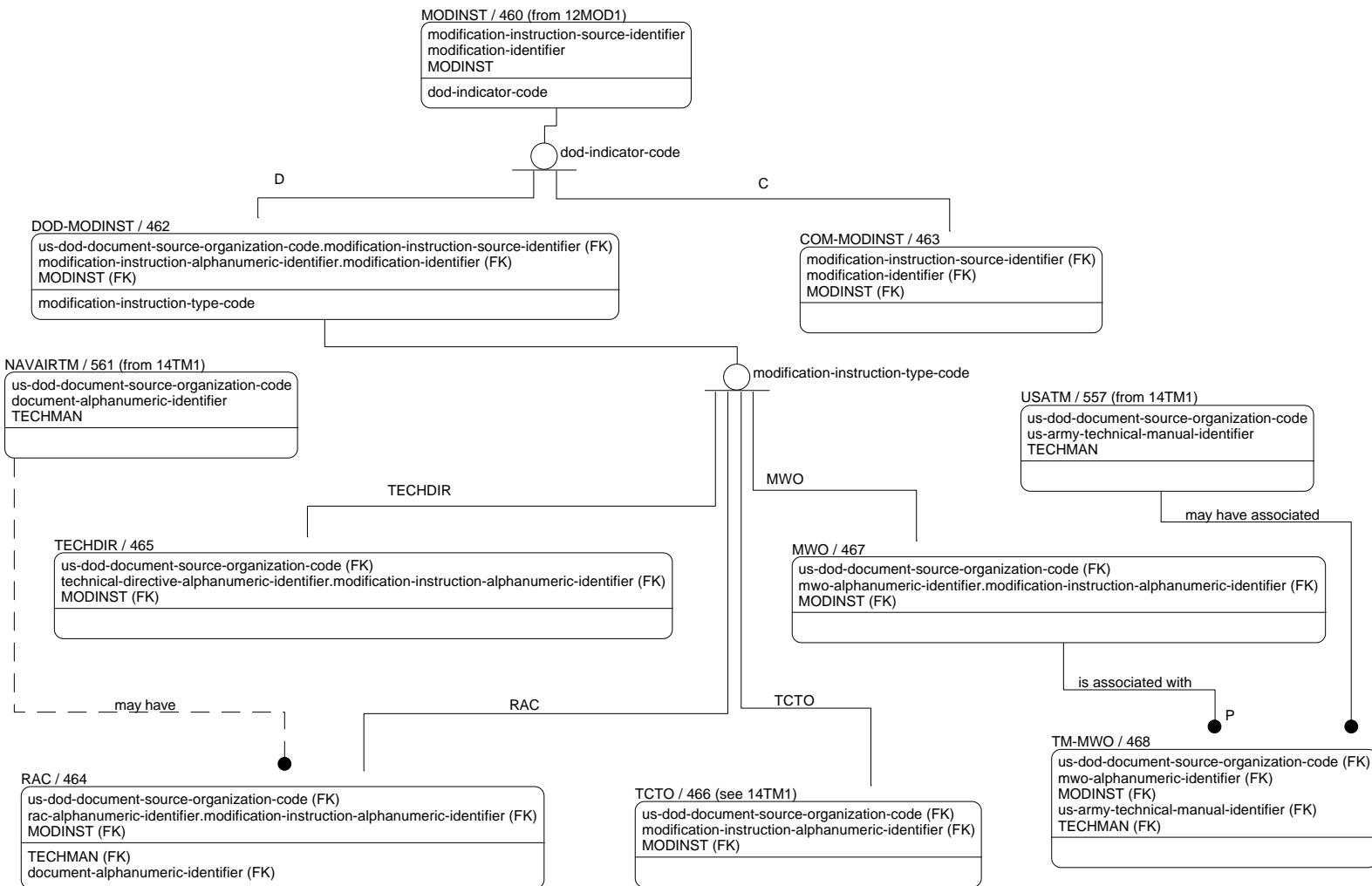


FIGURE 12MOD3
MODIFICATION INSTRUCTIONS (Part 1 of 3)

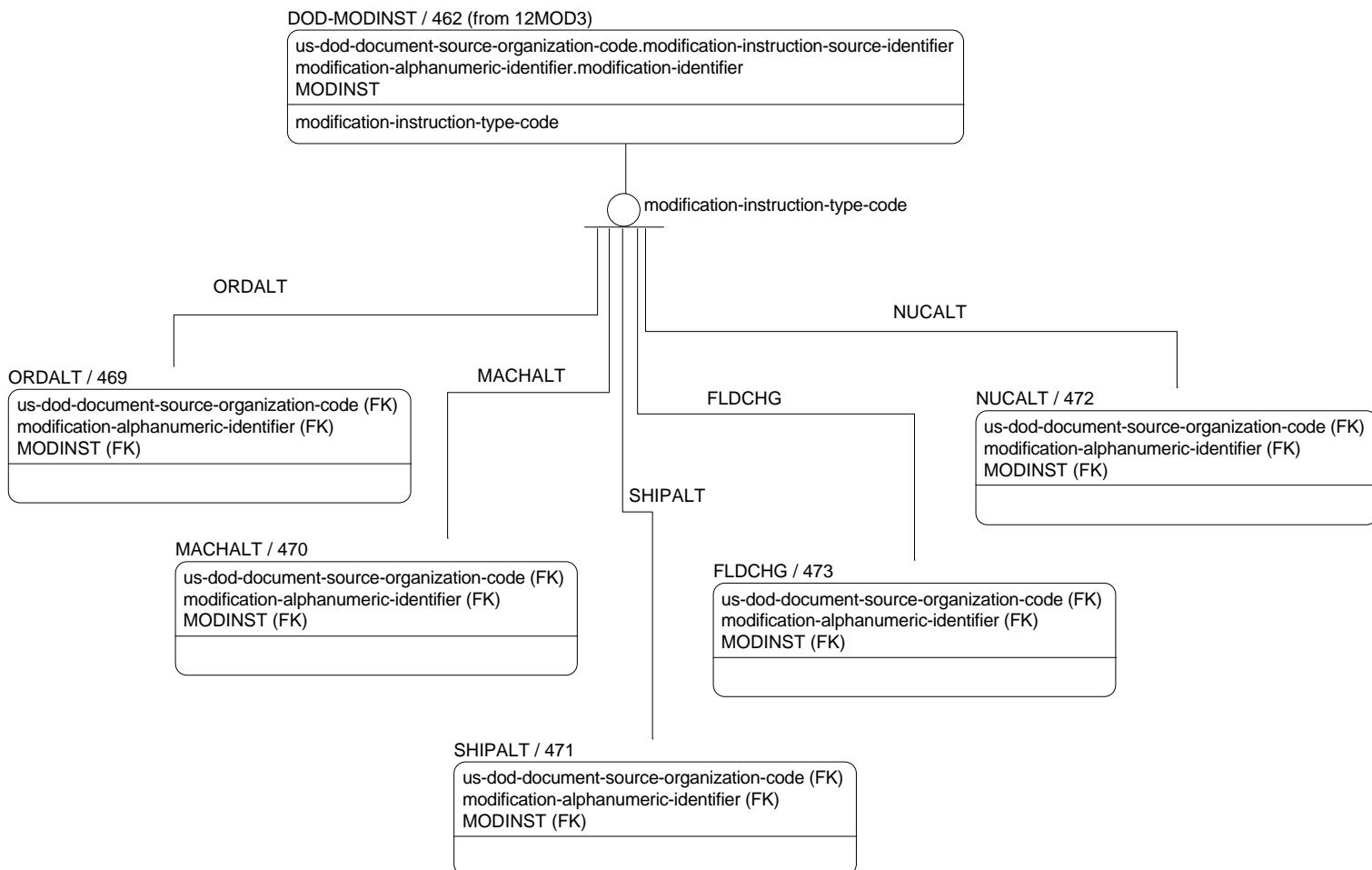


FIGURE 12MOD4
MODIFICATION INSTRUCTIONS (Part 2 of 3)

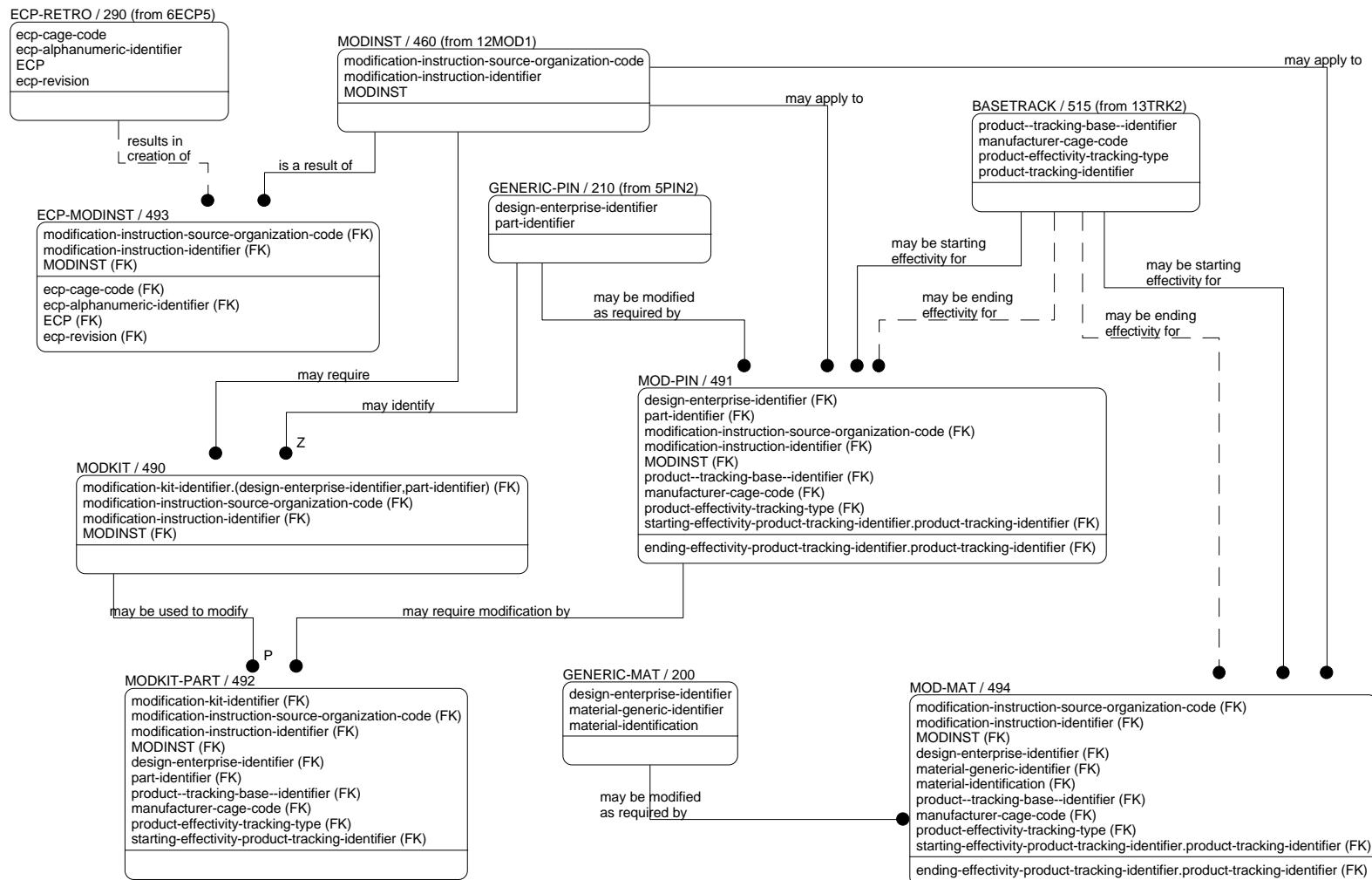


FIGURE 12MOD5
MODIFICATION INSTRUCTIONS (Part 3 of 3)

MIL-STD-2549
APPENDIX B

B.5.12.3. Table 452, Proposed military improvement modification requests (PMIREQ). This table is a subcategory of Table MODREQ/450 for the case where the value of modification-request-document-subsidiary-type-code is 'PMI'. It contains the subset of documents which are proposed military improvement requests.

Code	Data Element Title	DED	Key
DOCIDN010	document-identifier	0122	FK
MRQTYP450	modification-request-document-type-code	0004	FK
SRCIDN010	document-source-entity-identifier	0033	FK

B.5.12.4. Table 453, Modification requests via the MIP (MIPREQ). This table is a subcategory of Table MODREQ/450 for the case where the value of modification-request-document-subsidiary-type-code is 'MP'. It contains the subset of documents which are Modification Proposals (AF Form 1067).

Code	Data Element Title	DED	Key
DOCIDN010	document-identifier	0122	FK
MRQTYP450	modification-request-document-type-code	0004	FK
SRCIDN010	document-source-entity-identifier	0033	FK

B.5.12.5. Table 454, Correlation of ECPs to modification requests (ECPREQ). This table correlates ECPs with the modification requests which cause them to be issued.

Code	Data Element Title	DED	Key
DOCIDN010	document-identifier	0122	FK
ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK
MRQTYP450	modification-request-document-type-code	0004	FK
SRCIDN010	document-source-entity-identifier	0033	FK
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK

B.5.12.6. Tables 455 through 459. Reserved.

B.5.12.7. Table 460, Modification Instructions (MODINST). This table is a subcategory of Table GENERIC-DOC/010 for the case where the value of document-type-code is 'MODINST'. It contains documents which are used to direct the modification of inventory assets. It has two subcategories: DOD-MODINST/462 and COM-MODINST/463.

- a. Attribute document-identifier (DOCIDN010) inherited from Table 010 assumes the role modification-instruction-document-identifier (MINIDN460).
- b. Attribute document-source-entity-identifier (SRCIDN010) inherited from Table 010 assumes the role modification-instruction-document-source-entity-identifier (MINSRC460).

MIL-STD-2549
APPENDIX B

- c. Attribute document-type-code (DOCTYP010) inherited from Table 010 assumes the role modification-instruction-document-type-code (MINTYP460).
- d. Attribute document-identifier (DOCIDN010) inherited from Table 450 assumes the role modification-request-document-identifier (MRQIDN460).
- e. Attribute document-source-entity-identifier (SRCIDN010) inherited from Table 450 assumes the role modification-request-document-source-entity-identifier (MRQSRC460).

Code	Data Element Title	DED	Key
MINIDN460	modification-instruction-document-identifier	0122	FK
MINSRC460	modification-instruction-document-source-entity-identifier	0033	FK
MINTYP460	modification-instruction-document-type-code	0004	FK
MRQIDN460	modification-request-document-identifier	0122	FK, O
MRQSRC460	modification-request-document-source-entity-identifier	0033	FK, O
MRQTYP450	modification-request-document-type-code	0004	FK, O
CNXDAT460	modification-instruction-document-rescission-date	0082	
DODCOD460	document-format-compliance-indicator-code	0143	M
EFFDAT460	modification-instruction-document-effective-date	0082	M
ISSDAT460	modification-instruction-document-issue-date	0082	M
MODDES460	modification-instruction-document-task-description-text	0253	
WKHOUR460	equipment-modification-process-period-work-hour-quantity	0087	

B.5.12.8. Table 461, Correlation of modification instructions to technical manuals (MODINST-TM). This table correlates modification instructions to the basic technical manuals (or technical orders) to which they apply.

Code	Data Element Title	DED	Key
DOCIDN010	document-identifier	0122	FK
MINIDN460	modification-instruction-document-identifier	0122	FK
MINSRC460	modification-instruction-document-source-entity-identifier	0033	FK
MINTYP460	modification-instruction-document-type-code	0004	FK
SRCIDN010	document-source-entity-identifier	0033	FK
TMNTYP550	technical-manual-document-type-code	0004	FK

B.5.12.9. Table 462, DOD modification requests (DOD-MODINST). This table is a subcategory of Table MODINST/460 for the case where the value of document-defense-department-indicator-code is 'D'. It contains the subset of modification instructions which are identified by a U.S. DOD acronym (as the source) and an alphanumeric identifier. Nine of the possible subcategories are shown: RAC/464, TECHDIR/465, TCTO/466, MWO/467, ORDALT/469, MACHALT/470, SHIPALT/471, NUCALT/472, and FLDCHG/473. Other subcategories may be added at command discretion.

MIL-STD-2549
APPENDIX B

- a. Attribute modification-instruction-document-source-entity-identifier (MINSRC460) inherited from Table 460 assumes the role modification-instruction-document-alphanumeric-identifier (MINNUM462).
- b. Attribute modification-instruction-document-source-entity-identifier (MINSRC460) inherited from Table 460 assumes the role united-states-defense-department-document-source-enterprise-acronym-identification-code (SRCDOD462).

Code	Data Element Title	DED	Key
MINNUM462	modification-instruction-document-alphanumeric-identifier	0003	FK
MINTYP460	modification-instruction-document-type-code	0004	FK
SRCDOD462	united-states-defense-department-document-source-enterprise-acronym-identification-code	0002	FK
MINSUB462	modification-instruction-document-subsidiary-type-code	0141	M

B.5.12.10. Table 463, Commercial modification instructions (COM-MODINST). This table is a subcategory of Table MODINST/460 for the case where the value of document-defense-department-indicator-code is 'C'. It contains the subset of modification instructions which are identified by commercial best practices. Subcategories may be added at command discretion.

Code	Data Element Title	DED	Key
MINIDN460	modification-instruction-document-identifier	0122	FK
MINSRC460	modification-instruction-document-source-entity-identifier	0033	FK
MINTYP460	modification-instruction-document-type-code	0004	FK

B.5.12.11. Table 464, RAC identification (RAC). This table is a subcategory of DOD-MODINST/462 for the case where the value of the modification-instruction-document-subsidiary-type-code (MINSUB462) in Table 462 is 'RAC'. It contains the unique and primary identification of Navy Rapid Action Change (RAC) orders as defined in Mil-M-81748. This table also correlates the RAC order with the NAVAIR technical manual which is impacted or affected by it.

- a. Attribute modification-instruction-document-alphanumeric-identifier (MINNUM462) inherited from Table 462 assumes the role rapid-action-change-order-document-alphanumeric-identifier (RACNUM464).

Code	Data Element Title	DED	Key
MINTYP460	modification-instruction-document-type-code	0004	FK
RACNUM464	rapid-action-change-order-document-alphanumeric-identifier	0003	FK
SRCDOD462	united-states-defense-department-document-source-enterprise-acronym-identification-code	0002	FK
DOCNUM020	document-alphanumeric-identifier	0003	FK
TMNTYP550	technical-manual-document-type-code	0004	FK
CHGTYP464	rapid-action-change-order-document-change-type-code	0256	M

MIL-STD-2549
APPENDIX B

B.5.12.12. Table 465, Technical directive identification (TECHDIR). This table is a subcategory of DOD-MODINST/462 for the case where the value of the modification-instruction-document-subsidiary-type-code (MINSUB462) in Table 462 is 'TECHDIR'. It contains the unique and primary identification of NAVAIR Technical Directives as defined in Mil-D-81992 and NAVAIR Technical Manual 00-25-300. Technical Directives are independent of technical manuals.

- a. Attribute modification-instruction-document-alphanumeric-identifier (MINNUM462) inherited from Table 462 assumes the role united-states-naval-air-technical-directive-document-alphanumeric-identifier (TDIRNO465).

Code	Data Element Title	DED	Key
MINTYP460	modification-instruction-document-type-code	0004	FK
SRCDOD462	united-states-defense-department-document-source-enterprise-acronym-identification-code	0002	FK
TDIRNO465	united-states-naval-air-technical-directive-document-alphanumeric-identifier	0003	FK
CATCOD465	technical-directive-document-category-code	0247	M
LVLCOD465	technical-directive-document-maintenance-level-code	0254	
TSKTYP465	technical-directive-document-task-type-code	0249	M

B.5.12.13. Table 466, Time-compliance technical order identification (TCTO). This table is a subcategory of DOD-MODINST/462 for the case where the value of the modification-instruction-document-subsidiary-type-code (MINSUB462) in Table 462 is 'TCTO'. It contains the unique and primary identification of Air Force time-compliance technical orders as defined in MIL-T-9885, MIL-T-38804, and USAF TO 00-5-1. An Air Force time-compliance technical order is a special case of Table USAFTO/560. Because of this, it follows the rules of both entities.

Code	Data Element Title	DED	Key
MINNUM462	modification-instruction-document-alphanumeric-identifier	0003	FK
MINTYP460	modification-instruction-document-type-code	0004	FK
SRCDOD462	united-states-defense-department-document-source-enterprise-acronym-identification-code	0002	FK
LVLCOD466	limited-duration-technical-order-document-maintenance-level-code	0255	
PRICOD466	limited-duration-technical-order-document-priority-code	0248	M

B.5.12.14. Table 467, Modification work order identification (MWO). This table is a subcategory of DOD-MODINST/462 for the case where the value of the modification-instruction-document-subsidiary-type-code (MINSUB462) in Table 462 is 'MWO'. It contains the unique and primary identification of Army Modification Work Orders (MWO) as defined in Army Regulation 25-30.

- a. Attribute modification-instruction-document-alphanumeric-identifier (MINNUM462) inherited from Table 462 assumes the role united-states-army-modification-work-order-document-alphanumeric-identifier (MWONUM467).

MIL-STD-2549
APPENDIX B

Code	Data Element Title	DED	Key
MINTYP460	modification-instruction-document-type-code	0004	FK
MWONUM467	united-states-army-modification-work-order-document-alphanumeric-identifier	0003	FK
SRCDOD462	united-states-defense-department-document-source-enterprise-acronym-identification-code	0002	FK
LVLCOD467	modification-work-order-document-maintenance-level-code	0250	
PRICOD467	modification-work-order-document-priority-code	0246	M

B.5.12.15. Table 468, Correlation of MWOs to TMs (TM-MWO). This table contains the correlation of U.S. Army Technical Manuals with the Modification Work Orders which impact or affect the TM (or the hardware they describe).

- a. Fields SRCDOD462 inherited from Table 462 and SRCDOD552 inherited from Table 557 must be the same; therefore, they assume the identity united-states-defense-department-document-source-enterprise-acronym-identification-code (SRCDOD468).

Code	Data Element Title	DED	Key
ATMNUM557	united-states-army-technical-manual-document-alphanumeric-identifier	0003	FK
MINTYP460	modification-instruction-document-type-code	0004	FK
MWONUM467	united-states-army-modification-work-order-document-alphanumeric-identifier	0003	FK
SRCDOD468	united-states-defense-department-document-source-enterprise-acronym-identification-code	0002	FK
TMNTYP550	technical-manual-document-type-code	0004	FK

B.5.12.16. Table 469, Ordnance alteration instruction identification (ORDALT). This table is a subcategory of DOD-MODINST/462 for the case where the value of the modification-instruction-document-subsidiary-type-code (MINSUB462) in Table 462 is 'ORDALT'. It contains the unique and primary identification of Ordnance Alteration Instructions (ORDALTINST) as defined in MIL-STD-1662.

Code	Data Element Title	DED	Key
MINNUM462	modification-instruction-document-alphanumeric-identifier	0003	FK
MINTYP460	modification-instruction-document-type-code	0004	FK
SRCDOD462	united-states-defense-department-document-source-enterprise-acronym-identification-code	0002	FK

B.5.12.17. Table 470, Machinery alteration instruction identification (MACHALT). This table is a subcategory of DOD-MODINST/462 for the case where the value of the modification-instruction-document-subsidiary-type-code (MINSUB462) in Table 462 is 'ORDALT'. It contains the unique and primary identification of Machinery Alteration Instructions (MACHALTINST) as defined in DOD-STD-2140.

MIL-STD-2549
APPENDIX B

Code	Data Element Title	DED	Key
MINNUM462	modification-instruction-document-alphanumeric-identifier	0003	FK
MINTYP460	modification-instruction-document-type-code	0004	FK
SRCDOD462	united-states-defense-department-document-source-enterprise-acronym-identification-code	0002	FK

B.5.12.18. Table 471, Ship alteration instructions (SHIPALT). This table is a subcategory of DOD-MODINST/462 for the case where the value of the modification-instruction-document-subsidiary-type-code (MINSUB462) in Table 462 is 'SHIPALT'. It contains the unique and primary identification of Ship Alteration Instructions (SHIPALTINST) as defined in OPNAVINST 4720.2.

Code	Data Element Title	DED	Key
MINNUM462	modification-instruction-document-alphanumeric-identifier	0003	FK
MINTYP460	modification-instruction-document-type-code	0004	FK
SRCDOD462	united-states-defense-department-document-source-enterprise-acronym-identification-code	0002	FK

B.5.12.19. Table 472, Nuclear alteration instruction identification (NUCALT). This table is a subcategory of DOD-MODINST/462 for the case where the value of the modification-instruction-document-subsidiary-type-code (MINSUB462) in Table 462 is 'NUCALT'. It contains the unique and primary identification of Nuclear Alteration Instructions (NUCALTINST) as defined in OPNAVINST 4720.2.

Code	Data Element Title	DED	Key
MINNUM462	modification-instruction-document-alphanumeric-identifier	0003	FK
MINTYP460	modification-instruction-document-type-code	0004	FK
SRCDOD462	united-states-defense-department-document-source-enterprise-acronym-identification-code	0002	FK

B.5.12.20. Tables 473 through 489. Reserved.

B.5.12.21. Table 490, Modification kit identification (MODKIT). This table identifies the modification kit(s) which are associated with a specific modification instruction and correlates them to the kit drawing(s) or other design documentation which depicts them.

- a. The attributes design-enterprise-identifier (DESENT210) and part-product-identifier (PARNUM210) inherited from Table 210 are concatenated and assume the role modification-kit-product-identifier (KITIDN490). (See Appendix C for concatenation order.)

Code	Data Element Title	DED	Key
KITIDN490	modification-kit-product-identifier	0245	FK
MINIDN460	modification-instruction-document-identifier	0122	FK
MINSRC460	modification-instruction-document-source-entity-identifier	0033	FK

MIL-STD-2549
APPENDIX B

MINTYP460	modification-instruction-document-type-code	0004	FK
-----------	---	------	----

B.5.12.22. Table 491, Correlation of modification instructions to affected part numbers (MOD-PIN). This table correlates the part number(s) affected by a modification instruction to the modification instruction and specifies the effectiveness of the modification.

- a. Attribute product-sequential-tracking-identifier (TRKIDN515) inherited from Table 515 assumes the role product-ending-effectivity-sequential-tracking-identifier (ENDEFF491).
- b. Attribute product-sequential-tracking-identifier (TRKIDN515) inherited from Table 515 assumes the role product-starting-effectivity-sequential-tracking-identifier (STREFF491).

Code	Data Element Title	DED	Key
DESENT210	design-enterprise-identifier	0052	FK
MFRCAG515	manufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK
MINIDN460	modification-instruction-document-identifier	0122	FK
MINSRC460	modification-instruction-document-source-entity-identifier	0033	FK
MINTYP460	modification-instruction-document-type-code	0004	FK
PARNUM210	part-product-identifier	0024	FK
STREFF491	product-starting-effectivity-sequential-tracking-identifier	0058	FK
TRKTYP515	product-change-effectivity-tracking-type-code	0057	FK
BASNUM500	product--tracking-base--identifier	0056	FK
ENDEFF491	product-ending-effectivity-sequential-tracking-identifier	0058	FK

B.5.12.23. Table 492, Correlation of modification kits to the parts to be modified (MODKIT-PART). This table correlates the modification kit with the parts to be modified as directed by the modification instruction or ECP.

Code	Data Element Title	DED	Key
DESENT210	design-enterprise-identifier	0052	FK
KITIDN490	modification-kit-product-identifier	0245	FK
MINIDN460	modification-instruction-document-identifier	0122	FK
MINSRC460	modification-instruction-document-source-entity-identifier	0033	FK
MINTYP460	modification-instruction-document-type-code	0004	FK
PARNUM210	part-product-identifier	0024	FK

B.5.12.24. Table 493, Correlation of ECPs to modification instructions (ECP-MODINST). This table correlates approved ECPs which require retrofit of fielded assets with the modification instructions which actually direct depot/field units to perform the modification/retrofit.

MIL-STD-2549
APPENDIX B

Code	Data Element Title	DED	Key
ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK
ECPREV251	engineering-change-proposal-document-alphanumeric-revision-identifier	0009	FK
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK
MINIDN460	modification-instruction-document-identifier	0122	FK
MINSRC460	modification-instruction-document-source-entity-identifier	0033	FK
MINTYP460	modification-instruction-document-type-code	0004	FK

B.5.12.25. Table 494, Correlation of modification instructions to affected material (MOD-MAT). This table correlates the material(s) (which are not identified by part number) that affected by a modification instruction to the modification instruction and specifies the effectivity of the modification.

- a. Attribute product-sequential-tracking-identifier (TRKIDN515) inherited from Table 515 assumes the role product-ending-effectivity-sequential-tracking-identifier (ENDEFF494).
- b. Attribute product-sequential-tracking-identifier (TRKIDN515) inherited from Table 515 assumes the role product-starting-effectivity-sequential-tracking-identifier (STREFF494).

Code	Data Element Title	DED	Key
DESENT200	design-enterprise-identifier	0052	FK
MATGID200	material-product-generic-identifier	0092	FK
MATIDN200	material-product-identifier	0038	FK
MFRCAG515	manufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK
MINIDN460	modification-instruction-document-identifier	0122	FK
MINSRC460	modification-instruction-document-source-entity-identifier	0033	FK
MINTYP460	modification-instruction-document-type-code	0004	FK
STREFF494	product-starting-effectivity-sequential-tracking-identifier	0058	FK
TRKTYP515	product-change-effectivity-tracking-type-code	0057	FK
BASNUM500	product--tracking-base--identifier	0056	FK
ENDEFF494	product-ending-effectivity-sequential-tracking-identifier	0058	FK

B.5.12.26. Tables 495 through 499. Reserved.

MIL-STD-2549
APPENDIX B

B.5.13. Serial, lot and other tracking numbers. Entity tables numbered in the range of 500 through 549 contain the information concerning the product-tracking base-identifier (common base number) used for serialization, serial numbers (both Government and manufacturer), lot numbers, date codes and block numbers. These numbers are used to state effectiveness of changes and to track actual parts and materials in use. This section includes the correlation of these tracking numbers to part numbers or material identifiers, and the correlation between the various types of tracking numbers, including the changes in part number resulting from rework/remanufacture, or the change in lot number resulting from the formation of composite lots. The relationships between these various tracking number entity tables are depicted in Figures 13TRK1 through 13TRK5.

B.5.13.1. Table 500, Base identifier for serialization and lot numbering (BASE). This table contains the product-tracking base-identifier for serialization and lot numbering of parts and materials. In order of preference, the product-tracking base-identifier is:

- a. the Type and Model portion (see Table B-II) of the configuration item designation as assigned in accordance with MIL-STD-196, MIL-STD-787, MIL-STD-1812 or AR 70-50/NAVMATINST 8800.4/AFR 82-1, or
- b. the drawing number of tabulated part or assembly drawings, or
- c. the drawing number of one of the non-tabulated parts (or assemblies) within the group of like items, or
- d. the specification number of parts or materials defined by a program-unique specification or standardization document, or
- e. the part number of standard parts, or
- f. the material identifier of any material defined in terms like class, grade, type, etc. (without a part number).

Code	Data Element Title	DED	Key
BASNUM500	product--tracking-base--identifier	0056	K
TRKSCD500	product-tracking--base-source-code	0103	M

B.5.13.2. Table 501, CI designation as product-tracking base-identifier (BASE-CI). This table is a subtype of BASE/500 which contains the subset of Table 500 consisting of those product-tracking base-identifiers which are based on CI designations. This is the preferred product-tracking base-identifier (see also: B.5.13.1 and Table B-II).

Code	Data Element Title	DED	Key
BASNUM500	product--tracking-base--identifier	0056	FK
CIDESG693	configuration-item-product-designation-identifier	0045	FK

B-216

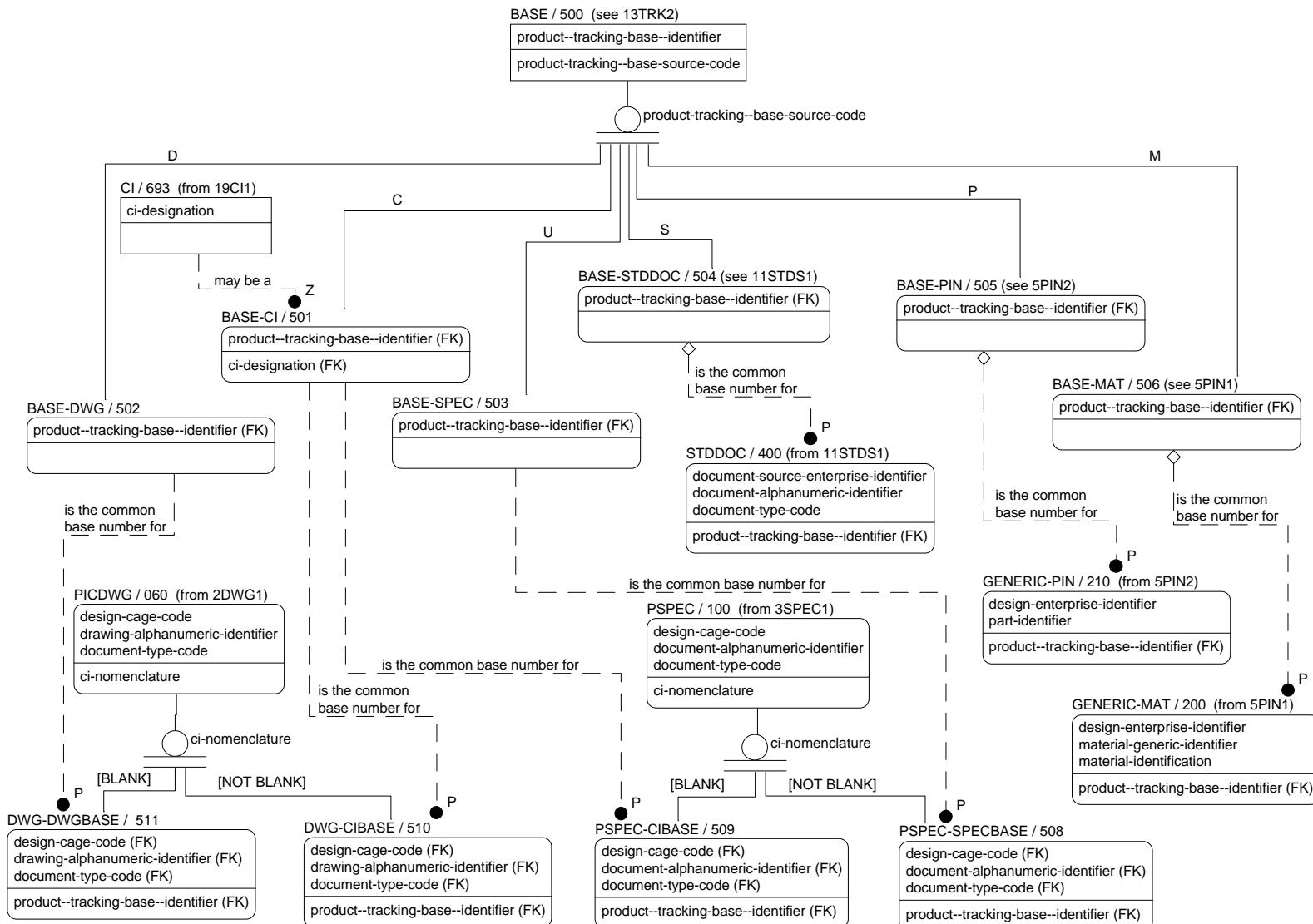


FIGURE 13TRK1
COMMON BASE-NUMBER DEFINITION

B-217

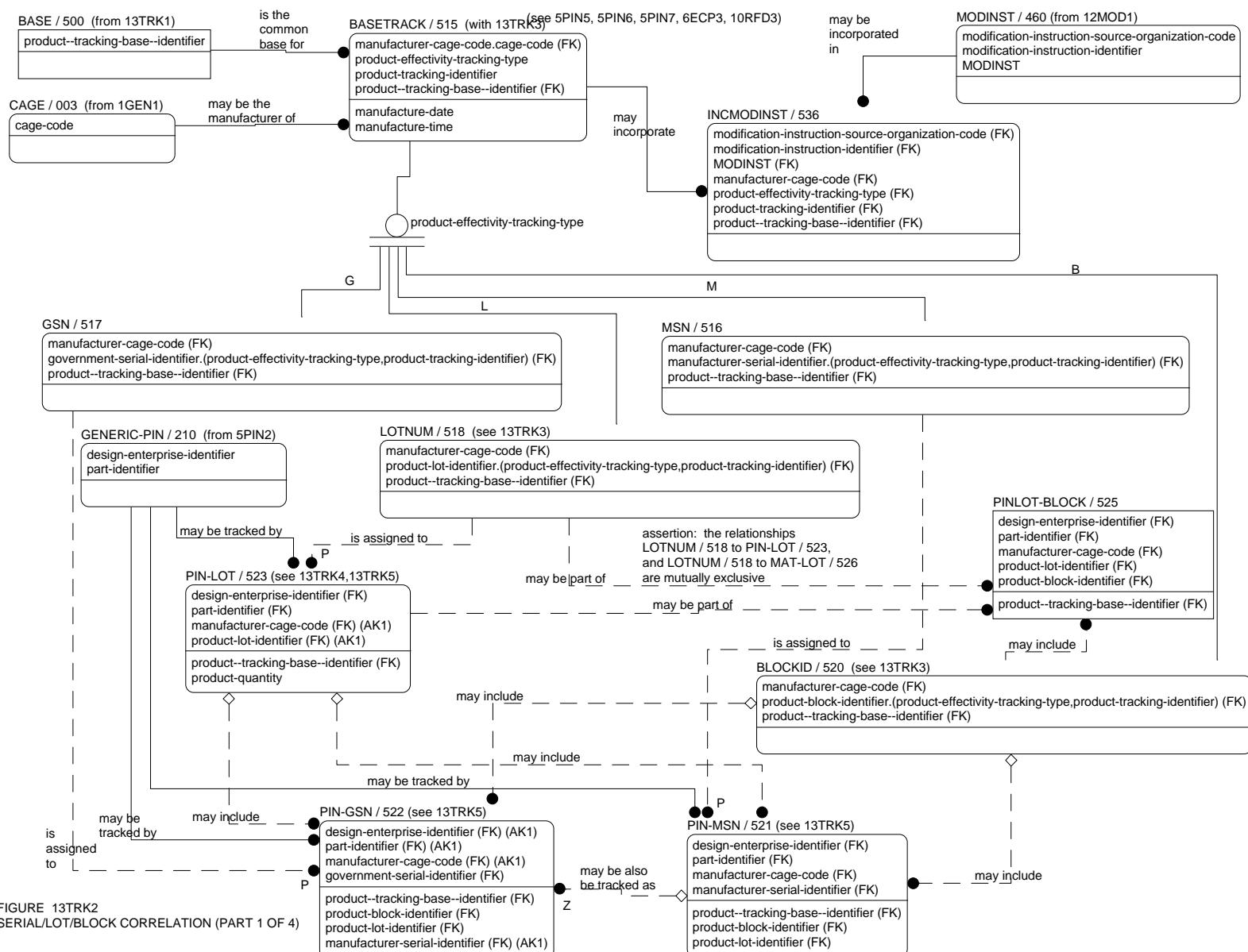


FIGURE 13TRK2
SERIAL/LOT/BLOCK CORRELATION (PART 1 OF 4)

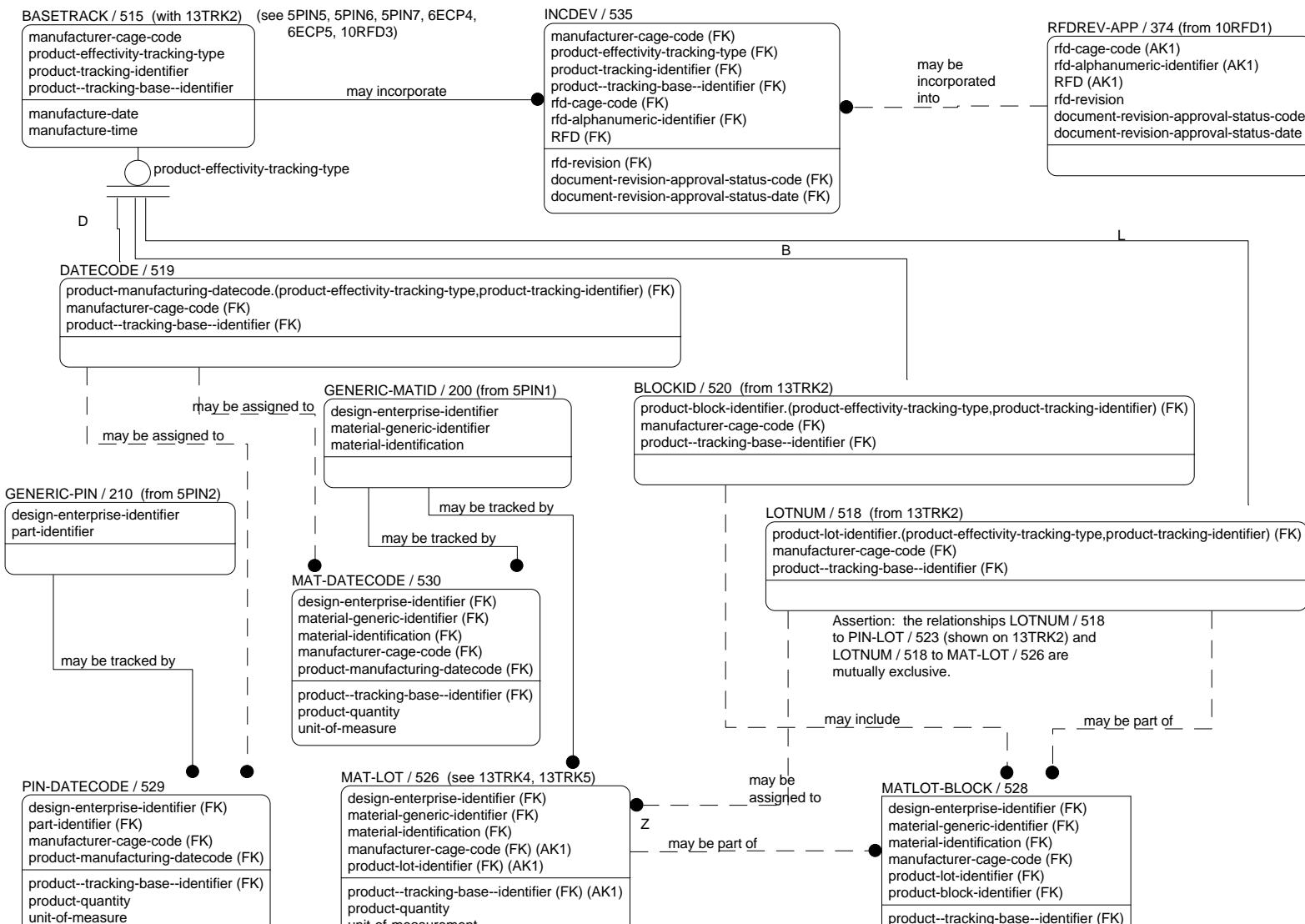


FIGURE 13TRK3
SERIAL/LOT/BLOCK CORRELATION (PART 2 of 4)

B-219

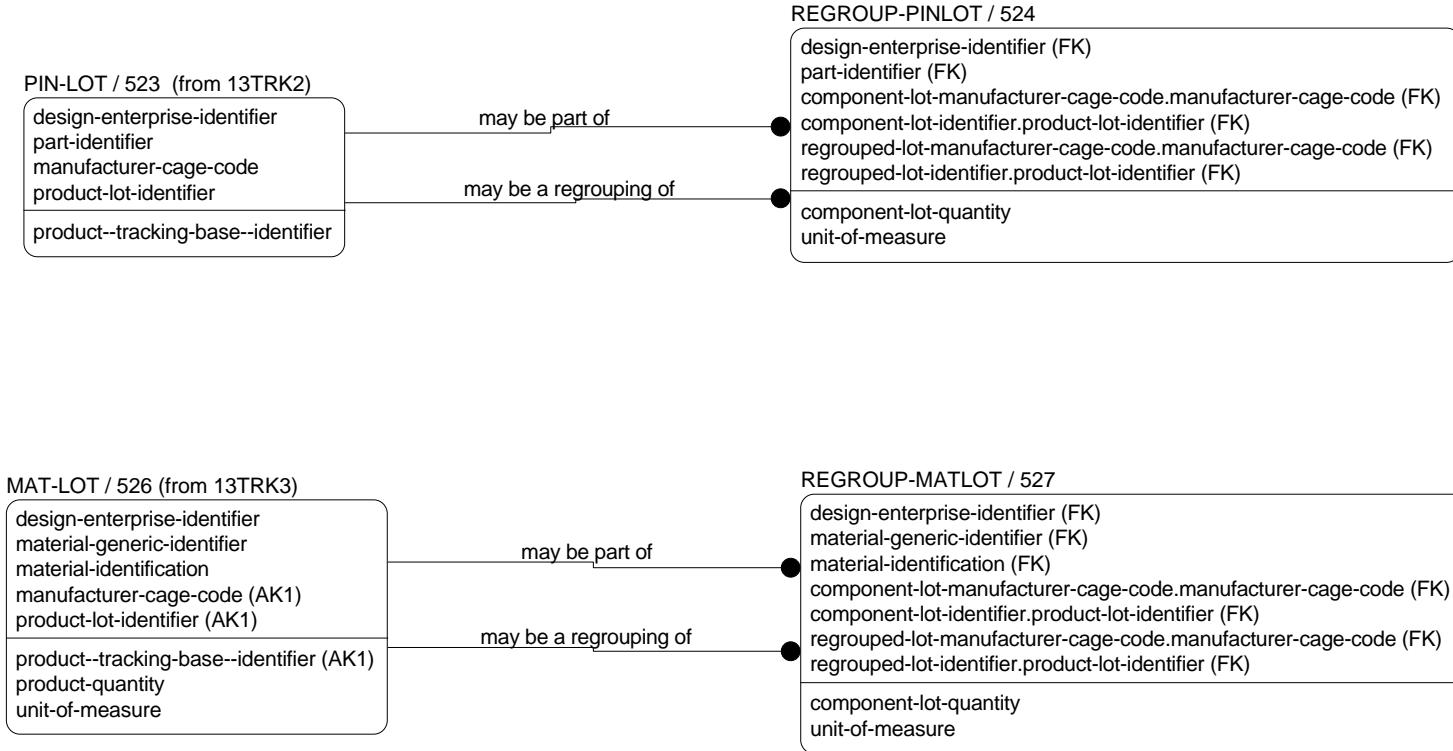


FIGURE 13TRK4
SERIAL/LOT/BLOCK CORRELATION (PART 3 OF 4)

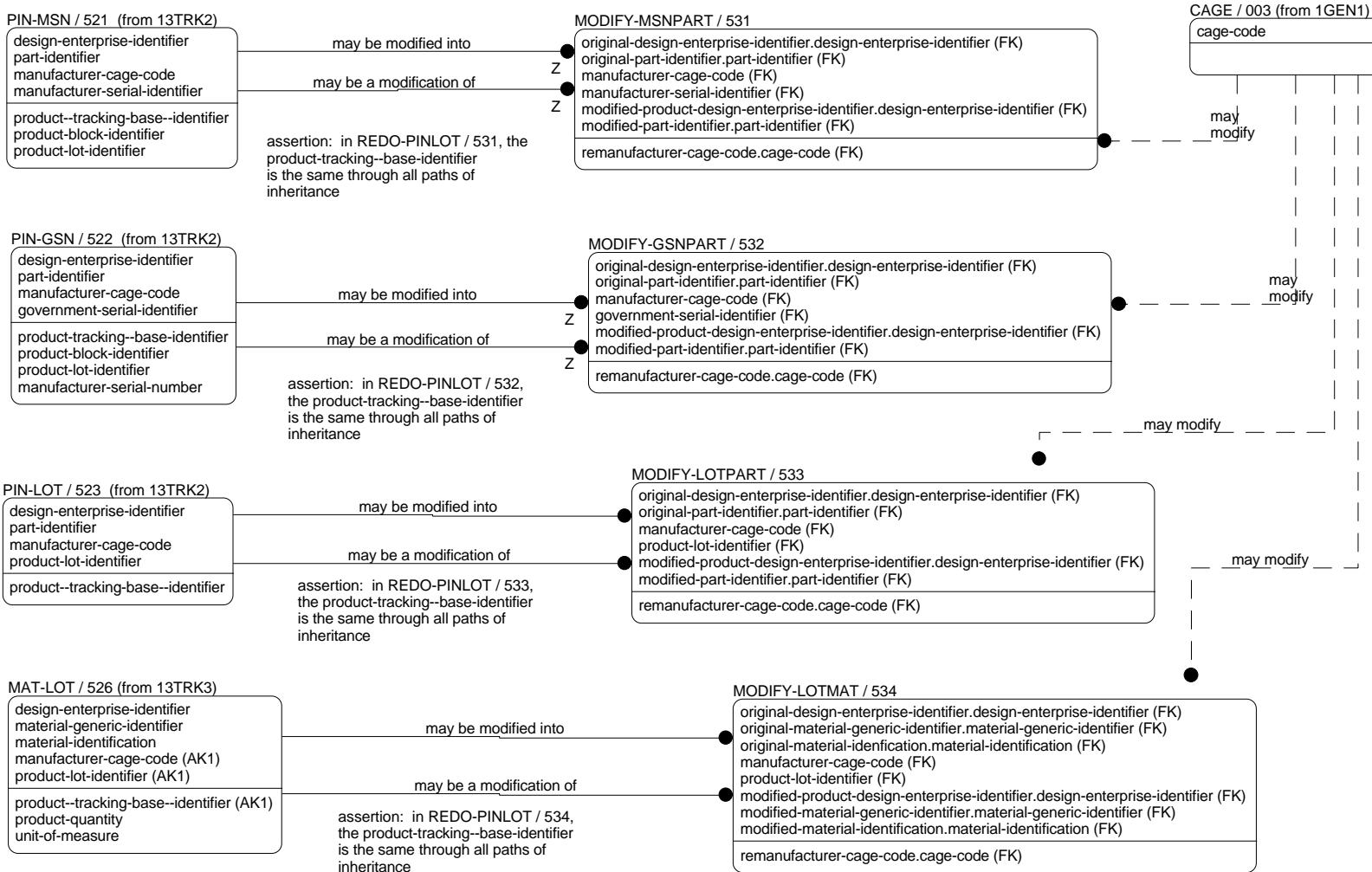


FIGURE 13TRK5
SERIAL/LOT/BLOCK CORRELATION (PART 4 OF 4)

MIL-STD-2549
APPENDIX B

TABLE B-II. Portion of nomenclature to be used as common base number

If nomenclature is in accordance with ¹	and, the item is:	then, the common base number is the:	which appears as:
MIL-STD-196	Electronic system	"AN/", equipment type indicator, "-", and number	AN/VRC-1
	Electronic group	Group indicator, "-", and model number	OJ-301
	Electronic unit	Unit indicator, "-", and model number	PP-50
	Battery	"BA-" or "BB-", and model number	BA-4 BB-552
MIL-STD-787	Optical range instrumentation	"ORI/", series of three indicator letters, "-", and model number	ORI/CBC-4
	ORI accessories	component indicator, "-", and model number	TT-45
MIL-STD-1812	Photographic equipment	Photographic code, "-", and model number	KA-533
	Aeronautical & support equipment	"A/", installation letter, type of equipment indicator, purpose letter, "-", and model number	A/S32P-5
	Aeronautical & support group	Group indicator, "G-", and model number	SVG-7
	Aeronautical & support unit	Unit indicator, "U-", and model number	SVU-555
	Ordnance unit	Unit indicator, "U-", model number, "/", and purpose indicator	BLU-27/B
	Engine or motor	Type indicator, "-", and model indicator ²	F100-100 SR1-113
AFR 82-1, AR 70-50, NAVMATINST 8800.4	Aircraft	Basic mission indicator, vehicle type indicator (if assigned), "-", and design number	F-18 UH-45
	Missile, probe or rocket	Launch environment indicator, mission indicator, vehicle type indicator, "-" and design number ³	AGM-88

NOTES:

1. Nomenclatures assigned in accordance with MIL-STD-1464(AR) or MIL-STD-1661(OS) are not included in this table because the designation portions of these nomenclatures are not unique, and therefore, cannot be used as a common base number.
2. Note that the manufacturer identification letter is not used as part of the common base number.
3. Training versions of mission equipment shall be serialized in the same series as mission equipment even though the mission indicator will be different. For example, the ATM-88 is a training version of the AGM-88; the common base number for both of these is "AGM-88".

B.5.13.3. Table 502, Drawing identifier as product-tracking base-identifier (BASE-DWG). This table is a subtype of BASE/500 which contains the subset of Table 500 consisting of those product-tracking base-identifiers which are engineering drawing identifiers. This is the second choice to use as a product-tracking base-identifier (see also: B.5.13.1).

Code	Data Element Title	DED	Key
BASNUM500	product--tracking-base--identifier	0056	FK

B.5.13.4. Table 503, Program specifications as product-tracking base-identifier (BASE-SPEC). This table is a subtype of BASE/500 which contains the subset of Table 500 consisting of those product-tracking base-identifiers

MIL-STD-2549
APPENDIX B

which are program-unique specification identifiers. This is the third choice to use as a product-tracking base-identifier (see also: B.5.13.1).

Code	Data Element Title	DED	Key
BASNUM500	product--tracking-base--identifier	0056	FK

B.5.13.5. Table 504, Standardization document as product-tracking base-identifier (BASE-STDDOC). This table is a subtype of BASE/500 which contains the subset of Table 500 consisting of those product-tracking base-identifiers which are the identifiers of standardization documents which define part numbers or materials. This is the fourth choice to use as a product-tracking base-identifier (see also: B.5.13.1 and B.5.11.1).

Code	Data Element Title	DED	Key
BASNUM500	product--tracking-base--identifier	0056	FK

B.5.13.6. Table 505, PIN as product-tracking base-identifier (BASE-PIN). This table is a subtype of BASE/500 which contains the subset of Table 500 consisting of those product-tracking base-identifiers which are part numbers. This is the fifth choice to use as a product-tracking base-identifier (see B.5.13.1 and B.5.5.9).

Code	Data Element Title	DED	Key
BASNUM500	product--tracking-base--identifier	0056	FK

B.5.13.7. Table 506, Material definition as product-tracking base-identifier (BASE-MAT). This table is a subtype of BASE/500 which contains the subset of Table 500 consisting of those product-tracking base-identifiers which are identifiers of materials (or parts) which are not identified by part numbers. This is the sixth choice to use as a product-tracking base-identifier (see B.5.13.1 and B.5.5.1).

Code	Data Element Title	DED	Key
BASNUM500	product--tracking-base--identifier	0056	FK

B.5.13.8. Table 507. Reserved.

B.5.13.9. Table 508, Correlation of program-unique specifications to product-tracking base-identifiers (PSPEC-SPECBASE). This table is a subtype of Table SPEC/100 which contains those specifications which serve as the product-tracking base-identifier for tracking materials or parts.

- a. If the value of configuration-item-product-nomenclature-text (CINOMN690) in Table 100 is blank, then, this table applies; if the value of CINOMN690 in Table 100 is not blank, then, this table does not apply.
- b. For each value of product--tracking-base--identifier (BASNUM500) in this table, there must be one (and only one) instance in this table where the value of BASNUM500 is the same as the value of the concatenation of design-enterprise-defense-logistics--assigned-identification-code (DESCAG022), document-alphanumeric-identifier (DOCNUM020), and document-type-code (DOCTYP010).

MIL-STD-2549
APPENDIX B

Code	Data Element Title	DED	Key
DESCAG100	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCTYP010	document-type-code	0004	FK
BASNUM500	product--tracking-base--identifier	0056	FK

B.5.13.10. Table 509, Program specifications which use a CI designation as the product-tracking base-identifier (SPEC-CIBASE). This table is a subtype of Table SPEC/100 which contains those specifications which use a CI designation as the product-tracking base-identifier for tracking materials or parts.

- a. If the value of configuration-item-product-nomenclature-text (CINOMN100) in Table 100 is not blank, then, this table applies; if the value of configuration-item-product-nomenclature-text (CINOMN100) in Table 100 is blank, then, this table does not apply.
- b. The value of configuration-item-product-nomenclature-text (CINOMN690) in Table 100 must be the same as the value of product--tracking-base--identifier (BASNUM500) in this table.

Code	Data Element Title	DED	Key
DESCAG100	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCTYP010	document-type-code	0004	FK
BASNUM500	product--tracking-base--identifier	0056	FK

B.5.13.11. Table 510, Engineering drawings which use a CI designation as the product-tracking base-identifier (DWG-CIBASE). This table is a subtype of Table PICDWG/060 which contains those drawings which use a CI designation as the product-tracking base-identifier for tracking parts.

- a. If the value of configuration-item-product-nomenclature-text (CINOMN690) in Table 057 is not blank, then, this table applies; if the value of CINOMN690 in Table 060 is blank, then, this table does not apply.
- b. The value of CINOMN690 in Table 060 must be the same as the value of product--tracking-base--identifier (BASNUM500) in this table.

Code	Data Element Title	DED	Key
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DOCTYP010	document-type-code	0004	FK
DWGNUM050	engineering-drawing-document-alphanumeric-identifier	0003	FK
BASNUM500	product--tracking-base--identifier	0056	FK

MIL-STD-2549
APPENDIX B

B.5.13.12. Table 511, Correlation of engineering drawings to product-tracking base-identifier (DWG-DWGBASE). This table is a subtype of Table PICDWG/060 which contains those drawings which serve as the product-tracking base-identifier for tracking parts.

- a. If the value of configuration-item-product-nomenclature-text (CINOMN690) in Table 060 is blank, then, this table applies; if the value of CINOMN690 in Table 060 is not blank, then, this table does not apply.
- b. For each value of product--tracking-base--identifier (BASNUM500) in this table, there must be one (and only one) instance in this table where the value of BASNUM500 is the same as the value of the concatenation of design-enterprise-defense-logistics--assigned-identification-code (DESCAG050), engineering-drawing-document-alphanumeric-identifier (DWGNUM050), and document-type-code (DOCTYP010).

Code	Data Element Title	DED	Key
DESCAG050	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DOCTYP010	document-type-code	0004	FK
DWGNUM050	engineering-drawing-document-alphanumeric-identifier	0003	FK
BASNUM500	product--tracking-base--identifier	0056	FK

B.5.13.13. Tables 512 through 514. Reserved.

B.5.13.14. Table 515, Basis for product tracking (BASETRACK). This table contains the valid combinations of manufacturer and serial/lot/block/date code numbers for each product-tracking base-identifier (common base number).

- a. Attribute enterprise-defense-logistics--assigned-identification-code (CAGNUM003) inherited from Table 003 assumes the role manufacturer-enterprise-defense-logistics--assigned-identification-code (MFRCAG515).

Code	Data Element Title	DED	Key
TRKIDN515	product-sequential-tracking-identifier	0058	K
TRKTYP515	product-change-effectivity-tracking-type-code	0057	K
BASNUM500	product--tracking-base--identifier	0056	FK
MFRCAG515	manufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK
MFRDAT515	product-manufacture-date	0082	M
MFRTIM515	product-manufacture-time	0160	M

B.5.13.15. Table 516, Manufacturer serial number (MSN). This table is a subtype of Table BASETRACK/515 and contains the subset of product tracking identifiers consisting of manufacturer serial (or sequence) numbers. These numbers are assigned by the manufacturer who has sole responsibility for them.

- a. The attributes product-sequential-tracking-identifier (TRKIDN515) and product-change-effectivity-tracking-type-code (TRKTYP515) inherited from Table 515 are concatenated and assume the role

MIL-STD-2549
APPENDIX B

product-manufacturer-serial-tracking-identifier (MSNNUM516). (See Appendix C for concatenation order.)

Code	Data Element Title	DED	Key
BASNUM500	product--tracking-base--identifier	0056	FK
MFRCAG515	manufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK
MSNNUM516	product-manufacturer-serial-tracking-identifier	0175	FK

B.5.13.16. Table 517, Government serial number (GSN). This table is a subtype of Table BASETRACK/515 which contains the subset of product tracking identifiers consisting of Government serial numbers. These numbers are provided to the manufacturer by the procuring Government agency for assignment to the product, usually at the completion of final acceptance testing. Use of these numbers is usually limited to CI level units only.

- a. The attributes product-sequential-tracking-identifier (TRKIDN515) and product-change-effectivity-tracking-type-code (TRKTYP515) inherited from Table 515 are concatenated and assume the role product-government-serial-tracking-identifier (GSNNUM517). (See Appendix C for concatenation order.)

Code	Data Element Title	DED	Key
BASNUM500	product--tracking-base--identifier	0056	FK
GSNNUM517	product-government-serial-tracking-identifier	0175	FK
MFRCAG515	manufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK

B.5.13.17. Table 518, Lot numbers (LOTNUM). This table is a subtype of Table BASETRACK/515 which contains the subset of product tracking identifiers consisting of manufacturer lot numbers. These numbers are assigned by the manufacturer who has sole responsibility for them.

- a. The attributes product-sequential-tracking-identifier (TRKIDN515) and product-change-effectivity-tracking-type-code (TRKTYP515) inherited from Table 515 are concatenated and assume the role product-lot-tracking-identifier (LOTNUM518). (See Appendix C for concatenation order.)

Code	Data Element Title	DED	Key
BASNUM500	product--tracking-base--identifier	0056	FK
LOTNUM518	product-lot-tracking-identifier	0175	FK
MFRCAG515	manufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK

B.5.13.18. Table 519, Date codes (DATECODE). This table is a subtype of Table BASETRACK/515 which contains the subset of product identifiers consisting of manufacturer date code numbers. This form of lot numbers is assigned by the manufacturer who has sole responsibility for them.

MIL-STD-2549
APPENDIX B

- a. The attributes product-sequential-tracking-identifier (TRKIDN515) and product-change-effectivity-tracking-type-code (TRKTYP515) inherited from Table 515 are concatenated and assume the role product-manufacturing-datecode-tracking-identifier (DATCOD519). (See Appendix C for concatenation order.)

Code	Data Element Title	DED	Key
BASNUM500	product--tracking-base--identifier	0056	FK
DATCOD519	product-manufacturing-datecode-tracking-identifier	0175	FK
MFRCAG515	manufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK

B.5.13.19. Table 520, Block numbers (BLOCKID). This table is a subtype of BASETRACK/515 which contains the subset of product identifiers consisting of engineering configuration block numbers. These numbers are not actually used for tracking parts, but rather, are used to identify blocks of parts which all incorporate the same group of ECPs. They are used administratively only.

- a. The attributes product-sequential-tracking-identifier (TRKIDN515) and product-change-effectivity-tracking-type-code (TRKTYP515) inherited from Table 515 are concatenated and assume the role product-block-tracking-identifier (BLKNUM520). (See Appendix C for concatenation order.)

Code	Data Element Title	DED	Key
BASNUM500	product--tracking-base--identifier	0056	FK
BLKNUM520	product-block-tracking-identifier	0175	FK
MFRCAG515	manufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK

B.5.13.20. Table 521, Correlation of part number to manufacturer serial number (PIN-MSN). This table provides a correlation of manufacturer-assigned serial numbers to part number; it is a list of which serial numbers have been assigned to each part number at any time in the history of the part number.

- a. For each instance in this table, the product--tracking-base--identifier (BASNUM500) must have the same value in all parent instances.

Code	Data Element Title	DED	Key
DESENT210	design-enterprise-identifier	0052	FK
MFRCAG515	manufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK
MSNNUM516	product-manufacturer-serial-tracking-identifier	0175	FK
PARNUM210	part-product-identifier	0024	FK
BASNUM500	product--tracking-base--identifier	0056	FK
BLKNUM520	product-block-tracking-identifier	0175	FK, O
LOTNUM518	product-lot-tracking-identifier	0175	FK, O

MIL-STD-2549
APPENDIX B

B.5.13.21. Table 522, Correlation of part number to government serial number (PIN-GSN). This table provides a correlation of Government-assigned serial numbers to part number; it is a list of which serial numbers have been assigned to each part number at any time in the history of the part number.

- a. For each instance in this table, the product--tracking-base--identifier (BASNUM500) must have the same value in all parent instances.

Code	Data Element Title	DED	Key
DESENT210	design-enterprise-identifier	0052	FK
GSNNUM517	product-government-serial-tracking-identifier	0175	FK
MFRCAG515	manufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK
PARNUM210	part-product-identifier	0024	FK
BASNUM500	product--tracking-base--identifier	0056	FK
BLKNUM520	product-block-tracking-identifier	0175	FK, O
LOTPNUM518	product-lot-tracking-identifier	0175	FK, O
MSNNUM516	product-manufacturer-serial-tracking-identifier	0175	FK, O

B.5.13.22. Table 523, Correlation of part number(s) to lot numbers (PIN-LOT). This table provides a correlation of manufacturer-assigned lot numbers to part number(s); it is a list of which lot numbers have been assigned to each part number at any time in the history of the part number.

Code	Data Element Title	DED	Key
DESENT210	design-enterprise-identifier	0052	FK
LOTPNUM518	product-lot-tracking-identifier	0175	FK, AK1
MFRCAG515	manufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK, AK1
PARNUM210	part-product-identifier	0024	FK
BASNUM500	product--tracking-base--identifier	0056	FK, AK1
QUANTY523	product-quantity	0019	M
UOMCOD523	product-measurement-unit-code	0054	M

B.5.13.23. Table 524, Regrouped part lots (REGROUP-PINLOT). This table identifies lots of a single part number which have been formed by the consolidation of small lots (or partial lots) of the same part number. In this case, the organization performing the work assigns a new lot number, but the part identifier is unchanged.

- a. Attribute product-lot-tracking-identifier (LOTPNUM518) inherited from Table 523 assumes the role component-product-lot-tracking-identifier (CLOTNO524).
- b. Attribute manufacturer-enterprise-defense-logistics--assigned-identification-code (MFRCAG515) inherited from Table 523 assumes the role component-part-manufacturer-enterprise-defense-logistics--assigned-identification-code (CMFRCG524).

MIL-STD-2549
APPENDIX B

- c. Attribute product-lot-tracking-identifier (LOTNUM518) inherited from Table 523 assumes the role regrouped-product-lot-tracking-identifier (RLOTNO524).
- d. Attribute manufacturer-enterprise-defense-logistics--assigned-identification-code (MFRCAG515) inherited from Table 523 assumes the role regrouped-lot-manufacturer-enterprise-defense-logistics--assigned-identification-code (RMFRCG524).

Code	Data Element Title	DED	Key
CLOTNO524	component-product-lot-tracking-identifier	0175	FK
CMFRCG524	component-part-manufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK
DESENT210	design-enterprise-identifier	0052	FK
PARNUM210	part-product-identifier	0024	FK
RLOTNO524	regrouped-product-lot-tracking-identifier	0175	FK
RMFRCG524	regrouped-lot-manufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK
QUANTY524	component-product-quantity	0019	M
UOMCOD524	product-measurement-unit-code	0054	M

B.5.13.24. Table 525, Correlation of part lot numbers to block numbers (PINLOT-BLOCK). This table correlates part lot numbers to block numbers.

Code	Data Element Title	DED	Key
BLKNUM520	product-block-tracking-identifier	0175	FK
DESENT210	design-enterprise-identifier	0052	FK
LOTNUM518	product-lot-tracking-identifier	0175	FK
MFRCAG515	manufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK
PARNUM210	part-product-identifier	0024	FK
BASNUM500	product-tracking-base--identifier	0056	FK

B.5.13.25. Table 526, Correlation of material identification and lot number (MAT-LOT). This table correlates lot numbers with materials (and parts) which are not identified by a part number; it is a list of which lot numbers have been assigned to each material identifier at any time in the history of the material identifier.

- a. For each instance in this table, the value of product-tracking-base-identifier (BASNUM500) must be the same in all parent instances.

Code	Data Element Title	DED	Key
DESENT200	design-enterprise-identifier	0052	FK
LOTNUM518	product-lot-tracking-identifier	0175	FK, AK1
MATGID200	material-product-generic-identifier	0092	FK

MIL-STD-2549
APPENDIX B

MATIDN200	material-product-identifier	0038	FK
MFRCAG515	manufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK, AK1
BASNUM500	product--tracking-base--identifier	0056	FK, AK1
QUANTY526	product-quantity	0019	M
UOMCOD526	product-measurement-unit-code	0054	M

B.5.13.26. Table 527, Regrouped material lots (REGROUP-MATLOT). This table identifies lots of a single material (not identified by a part number) which have been formed by combining, re-blending, etc. smaller lots (or partial lots) of the same material. In this case, the organization performing the work assigns a new lot number, but the material identification is unchanged.

- a. Attribute product-lot-tracking-identifier (LOTNUM518) inherited from Table 526 assumes the role component-product-lot-tracking-identifier (CLOTNO527).
- b. Attribute manufacturer-enterprise-defense-logistics--assigned-identification-code (MFRCAG515) inherited from Table 526 assumes the role component-material-manufacturer-enterprise-defense-logistics--assigned-identification-code (CMFRCG527).
- c. Attribute product-lot-tracking-identifier (LOTNUM518) inherited from Table 526 assumes the role regrouped-product-lot-tracking-identifier (RLOTNO527).
- d. Attribute manufacturer-enterprise-defense-logistics--assigned-identification-code (MFRCAG515) inherited from Table 526 assumes the role regrouped-lot-manufacturer-enterprise-defense-logistics--assigned-identification-code (RMFRCG527).

Code	Data Element Title	DED	Key
CLOTNO527	component-product-lot-tracking-identifier	0175	FK
CMFRCG527	component-material-manufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK
DESENT200	design-enterprise-identifier	0052	FK
MATGID200	material-product-generic-identifier	0092	FK
MATIDN200	material-product-identifier	0038	FK
RLOTNO527	regrouped-product-lot-tracking-identifier	0175	FK
RMFRCG527	regrouped-lot-manufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK
QUANTY527	component-product-quantity	0019	M
UOMCOD527	product-measurement-unit-code	0054	M

B.5.13.27. Table 528, Correlation of material lot numbers to block change numbers (MATLOT-BLOCK). This table correlates material lot numbers to block numbers.

MIL-STD-2549
APPENDIX B

Code	Data Element Title	DED	Key
BLKNUM520	product-block-tracking-identifier	0175	FK
DESENT200	design-enterprise-identifier	0052	FK
LOTNUM518	product-lot-tracking-identifier	0175	FK
MATGID200	material-product-generic-identifier	0092	FK
MATIDN200	material-product-identifier	0038	FK
MFRCAG515	manufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK
BASNUM500	product--tracking-base--identifier	0056	FK

B.5.13.28. Table 529, Correlation of part numbers to date codes (PIN-DATECODE). This table correlates part numbers and date codes; it is a list of which date codes have been assigned to each part number at any time in the history of the part number.

Code	Data Element Title	DED	Key
DATCOD519	product-manufacturing-datecode-tracking-identifier	0175	FK
DESENT210	design-enterprise-identifier	0052	FK
MFRCAG515	manufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK
PARNUM210	part-product-identifier	0024	FK
BASNUM500	product--tracking-base--identifier	0056	FK
QUANTY529	product-quantity	0019	M
UOMCOD529	product-measurement-unit-code	0054	M

B.5.13.29. Table 530, Correlation of material identifiers to date codes (MAT-DATECODE). This table correlates material identifiers (not part numbers) to date codes; it is a list of which date codes have been assigned to each material identifier at any time in the history of the material identifier.

Code	Data Element Title	DED	Key
DATCOD519	product-manufacturing-datecode-tracking-identifier	0175	FK
DESENT200	design-enterprise-identifier	0052	FK
MATGID200	material-product-generic-identifier	0092	FK
MATIDN200	material-product-identifier	0038	FK
MFRCAG515	manufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK
BASNUM500	product--tracking-base--identifier	0056	FK
QUANTY530	product-quantity	0019	M
UOMCOD530	product-measurement-unit-code	0054	M

MIL-STD-2549
APPENDIX B

B.5.13.30. Table 531, Part number change history for item tracked by manufacturer's serial number (MODIFY-MSNPART). This table identifies part numbers tracked by a manufacturer serial number which have been modified into a different part number within the same product-tracking base-identifier. In this case, the part number changes, but the manufacturer serial number does not change. This table also records what organization performed the modification.

- a. The product-tracking-base-identifier must be the same through all inheritance paths for both the new and original parts.
- b. Attribute design-enterprise-identifier (DESENT210) inherited from Table 521 assumes the role modified-product-design-enterprise-identifier (MDESEN531).
- c. Attribute part-product-identifier (PARNUM210) inherited from Table 521 assumes the role modified-part-product-identifier (MPARNO531).
- d. Attribute design-enterprise-identifier (DESENT210) inherited from Table 521 assumes the role original-design-enterprise-identifier (ODESEN531).
- e. Attribute part-product-identifier (PARNUM210) inherited from Table 521 assumes the role original-part-product-identifier (OPARNO531).
- f. Attribute enterprise-defense-logistics--assigned-identification-code (CAGNUM003) inherited from Table 003 assumes the role remanufacturer-enterprise-defense-logistics--assigned-identification-code (RMFRCG531).

Code	Data Element Title	DED	Key
MDESEN531	modified-product-design-enterprise-identifier	0052	FK
MFRCAG515	manufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK
MPARNO531	modified-part-product-identifier	0024	FK
MSNNUM516	product-manufacturer-serial-tracking-identifier	0175	FK
ODESEN531	original-design-enterprise-identifier	0052	FK
OPARNO531	original-part-product-identifier	0024	FK
RMFRCG531	remanufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK

B.5.13.31. Table 532, Part number change history for items tracked by government serial numbers (MODIFY-GSNPART). This table identifies part numbers tracked by a government serial number which have been modified into a different part number within the same product-tracking base-identifier. In this case, the part number changes, but the Government serial number does not change. This table also records what organization performed the modification.

- a. The product-tracking-base-identifier must be the same through all inheritance paths for both the new and original parts.
- b. Attribute design-enterprise-identifier (DESENT210) inherited from Table 522 assumes the role modified-product-design-enterprise-identifier (MDESEN532).

MIL-STD-2549
APPENDIX B

- c. Attribute part-product-identifier (PARNUM210) inherited from Table 522 assumes the role modified-part-product-identifier (MPARNO532).
- d. Attribute design-enterprise-identifier (DESENT210) inherited from Table 522 assumes the role original-design-enterprise-identifier (ODESEN532).
- e. Attribute part-product-identifier (PARNUM210) inherited from Table 522 assumes the role original-part-product-identifier (OPARNO532).
- f. Attribute enterprise-defense-logistics--assigned-identification-code (CAGNUM003) inherited from Table 003 assumes the role remanufacturer-enterprise-defense-logistics--assigned-identification-code (RMFRCG532).

Code	Data Element Title	DED	Key
GSNNUM517	product-government-serial-tracking-identifier	0175	FK
MDESEN532	modified-product-design-enterprise-identifier	0052	FK
MFRCAG515	manufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK
MPARNO532	modified-part-product-identifier	0024	FK
ODESEN532	original-design-enterprise-identifier	0052	FK
OPARNO532	original-part-product-identifier	0024	FK
RMFRCG532	remanufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK

B.5.13.32. Table 533, Part number change history for item tracked by lot number (MODIFY-LOTPART). This table identifies part numbers tracked by a lot number which have been modified into a different part number within the same product-tracking base-identifier. In this case, the part number changes, but the lot number does not change. This table also records what organization performed the modification.

- a. The product-tracking-base-identifier must be the same through all inheritance paths for both the new and original parts.
- b. Attribute design-enterprise-identifier (DESENT210) inherited from Table 523 assumes the role modified-product-design-enterprise-identifier (MDESEN533).
- c. Attribute part-product-identifier (PARNUM210) inherited from Table 523 assumes the role modified-part-product-identifier (MPARNO533).
- d. Attribute design-enterprise-identifier (DESENT210) inherited from Table 523 assumes the role original-design-enterprise-identifier (ODESEN533).
- e. Attribute part-product-identifier (PARNUM210) inherited from Table 523 assumes the role original-part-product-identifier (OPARNO533).
- f. Attribute enterprise-defense-logistics--assigned-identification-code (CAGNUM003) inherited from Table 003 assumes the role remanufacturer-enterprise-defense-logistics--assigned-identification-code (RMFRCG533).

MIL-STD-2549
APPENDIX B

Code	Data Element Title	DED	Key
LOTNUM518	product-lot-tracking-identifier	0175	FK
MDESEN533	modified-product-design-enterprise-identifier	0052	FK
MFRCAG515	manufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK
MPARNO533	modified-part-product-identifier	0024	FK
ODESEN533	original-design-enterprise-identifier	0052	FK
OPARNO533	original-part-product-identifier	0024	FK
RMFRCG533	remanufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK

B.5.13.33. Table 534, Material identification change history for item tracked by lot number (MODIFY-LOTMAT). This table identifies materials (not identified by a part number) tracked by a lot number which have been modified into a different material identification within the same product-tracking base-identifier. In this case, the material identification changes, but the lot number does not change. This table also records what organization performed the modification.

- a. The product-tracking-base-identifier must be the same through all inheritance paths for both the new and original parts.
- b. Attribute design-enterprise-identifier (DESENT200) inherited from Table 526 assumes the role modified-product-design-enterprise-identifier (MDESEN534).
- c. Attribute material-product-generic-identifier (MATGID200) inherited from Table 526 assumes the role modified-material-product-generic-identifier (MMATGI534).
- d. Attribute material-product-identifier (MATIDN200) inherited from Table 526 assumes the role modified-material-product-identifier (MMATID534).
- e. Attribute design-enterprise-identifier (DESENT200) inherited from Table 526 assumes the role original-design-enterprise-identifier (ODESEN534).
- f. Attribute material-product-generic-identifier (MATGID200) inherited from Table 526 assumes the role original-material-product-generic-identifier (OMATGI534).
- g. Attribute material-product-identifier (MATIDN200) inherited from Table 526 assumes the role original-material-product-identifier (OMATID534).
- h. Attribute enterprise-defense-logistics--assigned-identification-code (CAGNUM003) inherited from Table 003 assumes the role remanufacturer-enterprise-defense-logistics--assigned-identification-code (RMFRCG534).

Code	Data Element Title	DED	Key
LOTNUM518	product-lot-tracking-identifier	0175	FK
MDESEN534	modified-product-design-enterprise-identifier	0052	FK
MFRCAG515	manufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK

MIL-STD-2549
APPENDIX B

MMATGI534	modified-material-product-generic-identifier	0092	FK
MMATID534	modified-material-product-identifier	0038	FK
ODESEN534	original-design-enterprise-identifier	0052	FK
OMATGI534	original-material-product-generic-identifier	0092	FK
OMATID534	original-material-product-identifier	0038	FK
RMFRCG534	remanufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK

B.5.13.34. Table 535, Incorporated deviations (INCDEV). This table identifies the approved deviations which have been incorporated into this part or material which is identified by a product tracking identifier. Entries in this table must be validated against the contents of Table 361 or 366.

Code	Data Element Title	DED	Key
BASNUM500	product--tracking-base--identifier	0056	FK
MFRCAG515	manufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK
RFDCAG350	deviation-request-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
RFDNUM350	deviation-request-document-alphanumeric-identifier	0003	FK
RFDTYP350	deviation-request-document-type-code	0004	FK
TRKIDN515	product-sequential-tracking-identifier	0058	FK
TRKTYP515	product-change-effectivity-tracking-type-code	0057	FK
REVSTA850	document-revision-approval-process-disposition-status-code	0021	FK
RFDREV351	deviation-request-document-alphanumeric-revision-identifier	0009	FK
STADAT850	document-revision-approval-process-disposition-status-date	0082	FK

B.5.13.35. Table 536, Incorporated modification instructions (INCMODINST). This table identifies the approved modification instructions that have been incorporated into this part or material which is identified by a product tracking identifier.

Code	Data Element Title	DED	Key
BASNUM500	product--tracking-base--identifier	0056	FK
MFRCAG515	manufacturer-enterprise-defense-logistics--assigned-identification-code	0001	FK
MINIDN460	modification-instruction-document-identifier	0122	FK
MINSRC460	modification-instruction-document-source-entity-identifier	0033	FK
MINTYP460	modification-instruction-document-type-code	0004	FK
TRKIDN515	product-sequential-tracking-identifier	0058	FK
TRKTYP515	product-change-effectivity-tracking-type-code	0057	FK

B.5.13.36. Tables 537 through 549. Reserved.

MIL-STD-2549
APPENDIX B

B.5.14. Technical manuals and orders. The entity tables numbered in the range of 550 through 599 contain the identification of, and information concerning, both military and commercial technical manuals and technical orders. Military technical manuals and orders are unusual in that they have three levels of iteration: the basic technical manual is revised (denoted by the issue date); revisions have changes (identified by either a change number or letter); and changes have supplements (identified by the supplement type and number). The relationship between these various entity tables are depicted in Figures 14TM1 through 14TM4.

B.5.14.1. Table 550, Technical manuals (TECHMAN). This table is a category of GENERIC-DOC/010 for the case where the value of document-type-code (DOCTYP010) is 'TECHMAN'. This table contains the unique and primary identification of technical manuals.

- a. The document-acquiring-activity-indicator-code (ACQCOD550) indicates whether the instance represents the primary identifier of the technical manual, or if this identifier is an alias assigned by a using activity.
- b. Attribute document-type-code (DOCTYP010) inherited from Table 010 assumes the role technical-manual-document-type-code (TMNTYP550).

Code	Data Element Title	DED	Key
DOCIDN010	document-identifier	0122	FK
SRCIDN010	document-source-entity-identifier	0033	FK
TMNTYP550	technical-manual-document-type-code	0004	FK
ACQCOD550	document-lead-activity-indicator-code	0006	M
DODCOD550	document-format-compliance-indicator-code	0143	M

B.5.14.2. Table 551, Revisions to technical manuals (TECHMAN-REV). This table is a category of GENERIC-DOCREV/011 for the case where the value of document-type-code (DOCTYP010) is 'TECHMAN'. This table contains the unique and primary identification of revisions to technical manuals.

- a. Due to parallel categorization this table is a de facto child of Table TECHMAN/550. It therefore has the same subtypes as Table 550.

Code	Data Element Title	DED	Key
DOCIDN010	document-identifier	0122	FK
DOCREV011	document-generic-revision-identifier	0243	FK
SRCIDN010	document-source-entity-identifier	0033	FK
TMNTYP550	technical-manual-document-type-code	0004	FK

B.5.14.3. Table 552, DOD technical manual identification (DODTECHMAN). This table is a category of Table TECHMAN/550 for the case where the value of the document-defense-department-indicator-code (DODCOD550) is 'D'. This table contains the unique and primary identification of military service technical manuals and technical orders as primarily defined in Mil-M-38784.

B-236

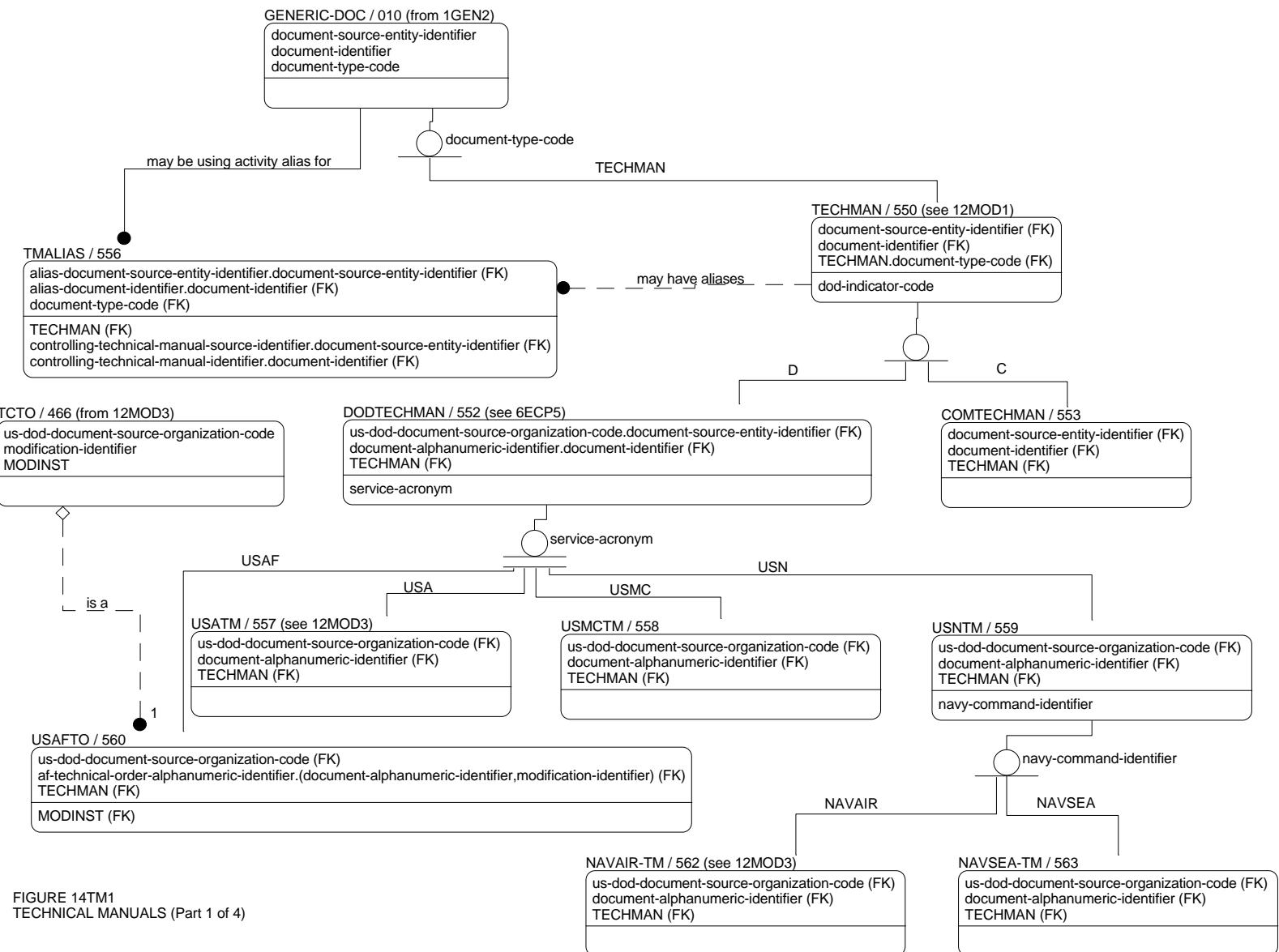
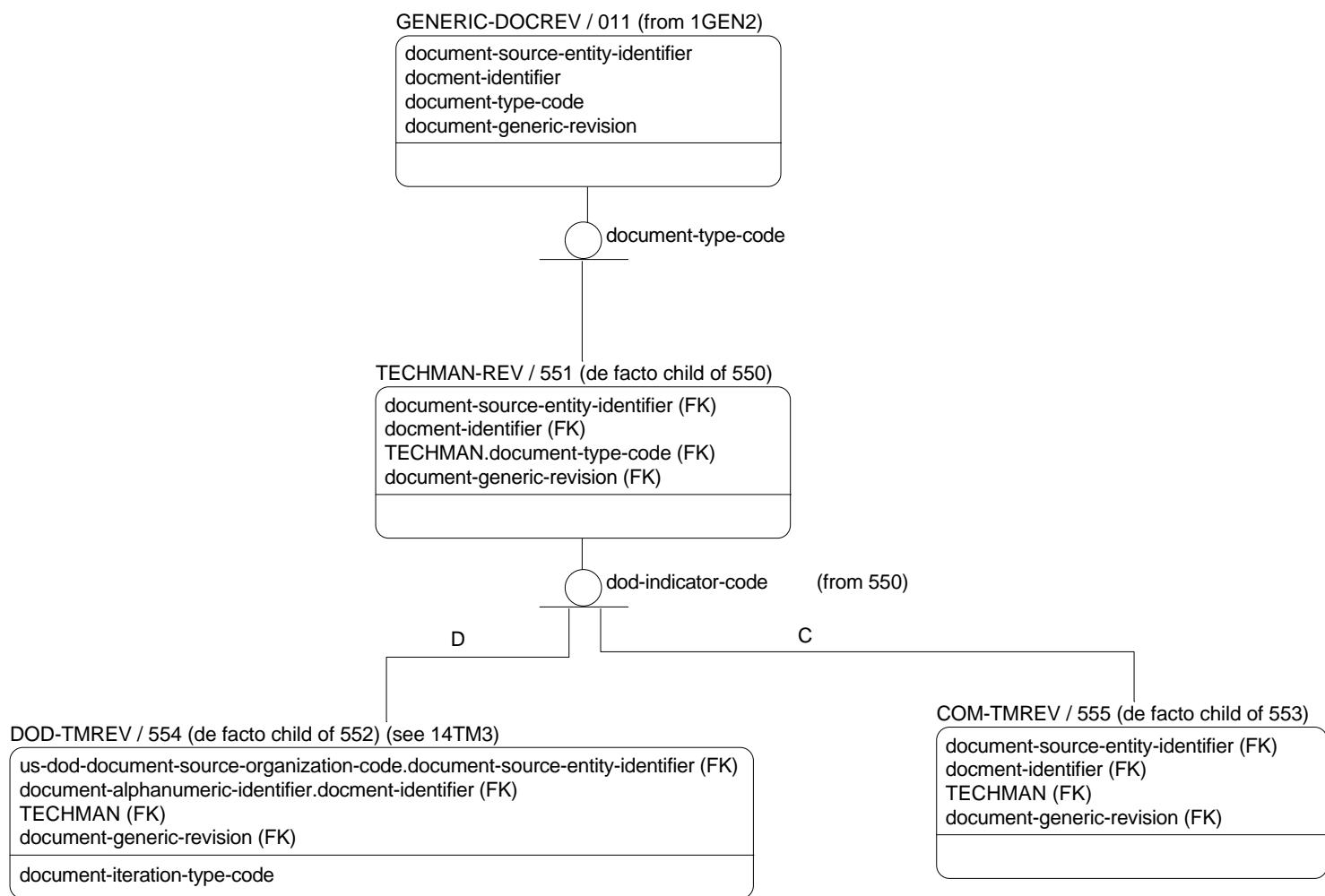


FIGURE 14TM1
TECHNICAL MANUALS (Part 1 of 4)



B-237

FIGURE 14TM2
TECHNICAL MANUALS (Part 2 of 4)

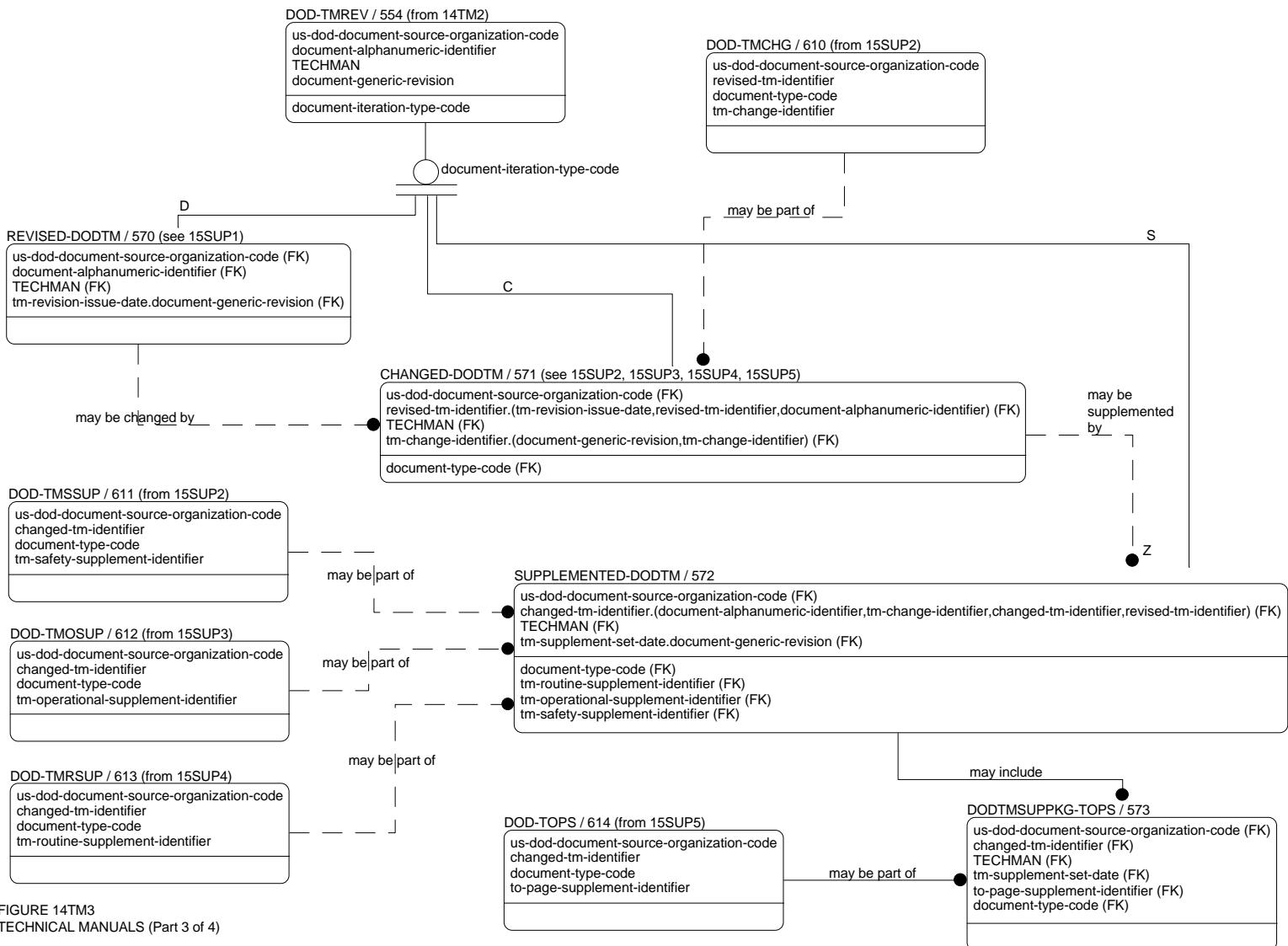


FIGURE 14TM3
TECHNICAL MANUALS (Part 3 of 4)

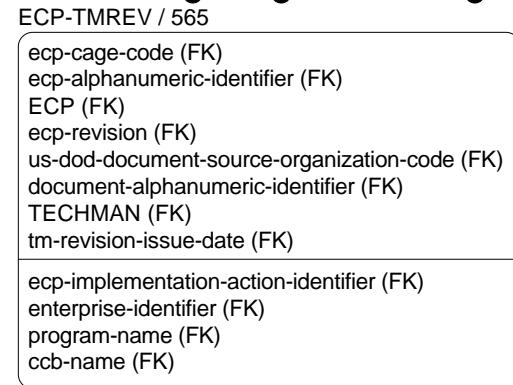
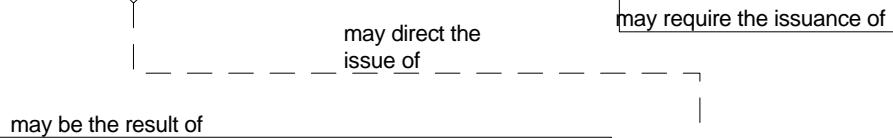
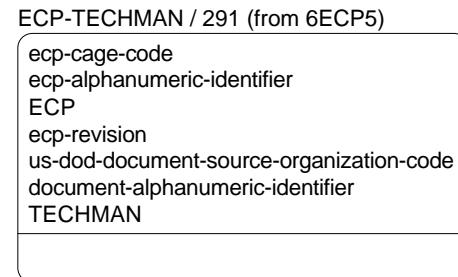
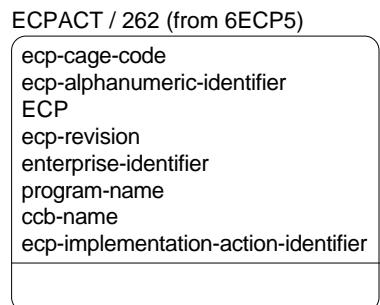
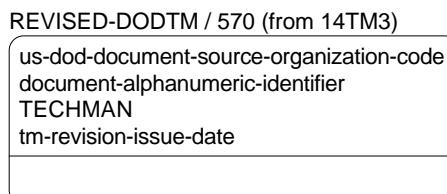


FIGURE 14TM4
TECHNICAL MANUALS (Part 4 of 4)

MIL-STD-2549
APPENDIX B

- a. The value of united-states-defense-department-document-source-enterprise-acronym-identification-code (SRCDOD552) must exist as a valid entry in Table DOD-ORGANIZATION/034.
- b. Attribute document-identifier (DOCIDN010) inherited from Table 550 assumes the role document-alphanumeric-identifier (DOCNUM552).
- c. Attribute document-source-entity-identifier (SRCIDN010) inherited from Table 550 assumes the role united-states-defense-department-document-source-enterprise-acronym-identification-code (SRCDOD552).

Code	Data Element Title	DED	Key
DOCNUM552	document-alphanumeric-identifier	0003	FK
SRCDOD552	united-states-defense-department-document-source-enterprise-acronym-identification-code	0002	FK
TMNTYP550	technical-manual-document-type-code	0004	FK
SERVID552	united-states-defense-component-enterprise-acronym-identification-code	0002	M

B.5.14.4. Table 553, Commercial technical manuals (COMTECHMAN). This table is a category of Table TECHMAN/550 for the case where the value of the document-defense-department-indicator-code (DODCOD550) is 'C'. This table contains the unique and primary identification of non-military service technical manuals.

Code	Data Element Title	DED	Key
DOCIDN010	document-identifier	0122	FK
SRCIDN010	document-source-entity-identifier	0033	FK
TMNTYP550	technical-manual-document-type-code	0004	FK

B.5.14.5. Table 554, Iterations of DOD technical manuals (DOD-TMREV). This table is a category of Table TECHMAN-REV/551 for the case where the value of the document-defense-department-indicator-code (DODCOD550) in Table 550 is 'D'. This table contains the unique and primary identification of iterations of military service technical manuals and technical orders as primarily defined in Mil-M-38784. Because DOD technical manuals use multi-level iterations (for example: changes are issued against revisions of the manual) this table has three subtypes: REVISED-DODTM/570, CHANGED-DODTM/571, and SUPPLEMENTED-DODTM/572. Each of these represent the technical manual with the specified iterations incorporated. (See also: Table DOCSUP/600.)

- a. Due to parallel categorization, this table is a de facto child of Table DODTECHMAN/552. Therefore, it has the same subtypes as Table 552.

Code	Data Element Title	DED	Key
DOCNUM552	document-alphanumeric-identifier	0003	FK
DOCREV011	document-generic-revision-identifier	0243	FK
SRCDOD552	united-states-defense-department-document-source-enterprise-acronym-identification-code	0002	FK
TMNTYP550	technical-manual-document-type-code	0004	FK
ITTYPE554	technical-manual-document-iteration-type-code	0196	M

MIL-STD-2549
APPENDIX B

B.5.14.6. Table 555, Revisions to commercial technical manuals (COM-TMREV). This table is a category of Table TECHMAN-REV/551 for the case where the value of the document-defense-department-indicator-code (DODCOD550) in Table 550 is 'C'. This table contains the unique and primary identification of iterations of non-military service technical manuals.

- a. Due to parallel categorization, this table is a de facto child of Table COMTECHMAN / 553. Therefore, it has the same subtypes as Table 553.

Code	Data Element Title	DED	Key
DOCIDN010	document-identifier	0122	FK
DOCREV011	document-generic-revision-identifier	0243	FK
DOCTYP010	document-type-code	0004	FK
SRCIDN010	document-source-entity-identifier	0033	FK

B.5.14.7. Table 556, Technical manual aliases (TMALIAS). Often, a technical manual will be used by more than one organization because the equipment is used by more than one service. However, each organization has its own system of technical manual (or order) identification. These systems use intelligent numbering systems to facilitate information retrieval and document distribution. (Note: sometimes a document which is a technical manual (or order) in one organization is published as a standardization document in another organization.) In each of these cases, there is one organization which is responsible for the information in the technical manual and maintaining it. There is only one lead for any document which has alias identification number(s) assigned to it; this activity is tracked in Table 550. The purpose of this table is to correlate the various alias identifier(s) with the identifier assigned by the lead organization. (Note: according to MIL-M-38784 for U.S. DOD technical manuals, the lead activity identifier is always listed first on each page of the document with the alias[es] listed in alphabetical order by using service component.)

- a. Attribute document-identifier (DOCIDN010) inherited from Table 010 assumes the role document-alias-identifier (ADOCID556).
- b. Attribute document-source-entity-identifier (SRCIDN010) inherited from Table 010 assumes the role alias-document-source-entity-identifier (ASRCID556).
- c. Attribute document-identifier (DOCIDN010) inherited from Table 550 assumes the role controlling-technical-manual-document-identifier (CTMIDN556).
- d. Attribute document-source-entity-identifier (SRCIDN010) inherited from Table 550 assumes the role controlling-technical-manual-document-source-entity-identifier (CTMSRC556).

Code	Data Element Title	DED	Key
ADOCID556	document-alias-identifier	0122	FK
ASRCID556	alias-document-source-entity-identifier	0033	FK
CTMIDN556	controlling-technical-manual-document-identifier	0122	FK
CTMSRC556	controlling-technical-manual-document-source-entity-identifier	0033	FK
DOCTYP010	document-type-code	0004	FK
TMNTYP550	technical-manual-document-type-code	0004	FK

MIL-STD-2549
APPENDIX B

B.5.14.8. Table 557, Army Technical Manuals (ARMY-TM). This table is a category of DODTECHMAN/552 for the case where the value of the united-states-defense-component-enterprise-acronym-identification-code (SERVID552) in Table 552 is 'USA'. It contains the unique and primary identification of Army technical manuals as defined in Mil-M-38784.

- a. Attribute document-alphanumeric-identifier (DOCNUM552) inherited from Table 552 assumes the role united-states-army-technical-manual-document-alphanumeric-identifier (ATMNUM557).

Code	Data Element Title	DED	Key
ATMNUM557	united-states-army-technical-manual-document-alphanumeric-identifier	0003	FK
SRCDOD552	united-states-defense-department-document-source-enterprise-acronym-identification-code	0002	FK
TMNTYP550	technical-manual-document-type-code	0004	FK

B.5.14.9. Table 558, Marine Corps Technical Manual (MARINE-TM). This table is a category of DODTECHMAN/552 for the case where the value of the united-states-defense-component-enterprise-acronym-identification-code (SERVID552) in Table 552 is 'USMC'. This table contains the unique and primary identification of Marine Corps technical manuals as defined in Mil-M-38784.

Code	Data Element Title	DED	Key
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCTYP010	document-type-code	0004	FK
SRCDOD552	united-states-defense-department-document-source-enterprise-acronym-identification-code	0002	FK

B.5.14.10. Table 559, Navy Technical Manuals (USNTM). This table is a category of DODTECHMAN/552 for the case where the value of the united-states-defense-component-enterprise-acronym-identification-code (SERVID552) in Table 552 is 'USN'. This table contains the unique and primary identification of Navy technical manuals and technical orders as defined in Mil-M-38784.

Code	Data Element Title	DED	Key
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCTYP010	document-type-code	0004	FK
SRCDOD552	united-states-defense-department-document-source-enterprise-acronym-identification-code	0002	FK
NAVCOM559	united-states-navy-command-enterprise-acronym-identification-code	0002	M

B.5.14.11. Table 560, Air Force Technical Orders (USAFTO). This table is a category of DODTECHMAN/552 for the case where the value of the united-states-defense-component-enterprise-acronym-code (SERVID552) in Table 552 is 'USAF'. This table contains the unique and primary identification of Air Force technical orders (or manuals) as defined in Mil-M-38784 and USAF TO 00-5-1 including time-compliance technical orders as defined

MIL-STD-2549
APPENDIX B

in Mil-T-9885, Mil-M-38784, Mil-T-38804, and USAF TO 00-5-1. An Air Force technical order (or technical manual) is a category of Table DOD-TECHMAN/552 for the case where the value of united-states-defense-component-enterprise-acronym-identification-code (DODC0D552) in Table 552 is 'USAF'. An Air Force time-compliance technical order is a special case of technical order because it is also a modification instruction (see MODINST/460). It therefore must follow the rules for both parent entities.

- a. The value of modification-instruction-document-alphanumeric-identifier (MINNUM462) inherited from Table 466 and the value of document-alphanumeric-identifier (DOCNUM552) inherited from Table 552 must be the same. Therefore, they merge into the identity united-states-air-force-technical-order-document-alphanumeric-identifier (AFTONO560).
- b. Attribute united-states-defense-department-document-source-enterprise-acronym-identification-code (SRCDOD462) inherited from Table 466 and united-states-defense-department-document-source-enterprise-acronym-identification-code (SRCDOD552) inherited from Table 552 must have the same value and merge to assume the role united-states-defense-department-document-source-enterprise-acronym-identification-code (SRCDOD560).

Code	Data Element Title	DED	Key
AFTONO560	united-states-air-force-technical-order-document-alphanumeric-identifier	0003	FK
SRCDOD560	united-states-defense-department-document-source-enterprise-acronym-identification-code	0002	FK
TMNTYP550	technical-manual-document-type-code	0004	FK
MINTYP460	modification-instruction-document-type-code	0004	FK, O

B.5.14.12. Table 561. Reserved.

B.5.14.13. Table 562, Naval Air Systems Command Technical Manuals (NAVAIR-TM). This table contains the unique and primary identification of Naval Air (NAVAIR) Systems Command technical manuals as defined in Mil-M-38784. A NAVAIR technical manual is a special case of Table USNTM/559 for the case where the value of united-states-navy-command-enterprise-acronym-identification-code (NAVCOM559) is 'NAVAIR'.

Code	Data Element Title	DED	Key
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCTYP010	document-type-code	0004	FK
SRCDOD552	united-states-defense-department-document-source-enterprise-acronym-identification-code	0002	FK

B.5.14.14. Table 563, Naval Sea Systems Command Technical Manuals (NAVSEA-TM). This table contains the unique and primary identification of Naval Sea (NAVSEA) Systems Command technical manuals as defined in Mil-M-38784. A NAVSEA technical manual is a special case of Table USNTM/559 for the case where the value of united-states-navy-command-enterprise-acronym-identification-code (NAVCOM559) is 'NAVSEA'.

MIL-STD-2549
APPENDIX B

Code	Data Element Title	DED	Key
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCTYP010	document-type-code	0004	FK
SRCDOD552	united-states-defense-department-document-source-enterprise-acronym-identification-code	0002	FK

B.5.14.15. Table 564. Reserved.

B.5.14.16. Table 565, Correlation of ECPs to TM revisions (ECP-TMREV). This table correlates approved ECPs to the Technical Manual/Order revision which results from the approved ECP.

Code	Data Element Title	DED	Key
DOCNUM020	document-alphanumeric-identifier	0003	FK
ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK
ECPREV251	engineering-change-proposal-document-alphanumeric-revision-identifier	0009	FK
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK
ISSDAT570	technical-manual-document-revision-issue-date	0082	FK
SRCDOD552	united-states-defense-department-document-source-enterprise-acronym-identification-code	0002	FK
TMNTYP550	technical-manual-document-type-code	0004	FK
CCBNAM700	program-configuration-control-board-name	0151	FK, O
ECPACT262	engineering-change-implementation-process-action-identifier	0072	FK
ENTIDN002	enterprise-identifier	0052	FK, O
PROGNM691	program-name	0059	FK, O

B.5.14.17. Tables 566 through 569. Reserved.

B.5.14.18. Table 570, Revised technical manuals (REVISED-DODTM). This table is a subtype of Table DOD-TMREV/554 for the case of document-iteration-type-code (REVTYP010) having a value of 'D'. It contains the history of the various revisions to a technical order or manual. Initial issue and revisions to technical manuals and orders are identified by a date.

- a. Attribute document-generic-revision-identifier (DOCREV011) inherited from Table 554 assumes the role technical-manual-document-revision-issue-date (ISSDAT570).

Code	Data Element Title	DED	Key
DOCNUM552	document-alphanumeric-identifier	0003	FK
ISSDAT570	technical-manual-document-revision-issue-date	0082	FK

MIL-STD-2549
APPENDIX B

SRCDOD552	united-states-defense-department-document-source-enterprise-acronym-identification-code	0002	FK
TMNTYP550	technical-manual-document-type-code	0004	FK

B.5.14.19. Table 571, Changed technical manuals (CHANGED-DODTM). This table is a subcategory of Table DOD-TMREV/554 for the case where document-iteration-type-code (REVTYP554) has a value of 'C'. Changes to technical manuals are issued against a specific revision of the technical manual. This table contains the history of the various changes to a given revision of a technical manual or order.

- a. Changes to technical manuals are numbered based on the current technical manual revision in effect. Therefore, the value document-alphanumeric-identifier (DOCNUM552) inherited from Table 554 must be the same as the concatenation of the values of document-alphanumeric-identifier (DOCNUM552) and technical-manual-document-revision-issue-date (ISSDAT570) inherited from Table 570. It is also the same as the revised-technical-manual-document-identifier (RTMIDN610) inherited from Table 610. This concatenation assumes the identity revised-technical-manual-document-identifier (RTMIDN571).
- b. Attribute document-generic-revision-identifier (DOCREV011) inherited from Table 554 and technical-manual-change-document-identifier (CHGNUM610) inherited from Table 610 must both have the same value. Therefore they merge and assume the identity technical-manual-change-document-identifier (CHGNUM610).

Code	Data Element Title	DED	Key
CHGNUM610	technical-manual-change-document-identifier	0134	FK
RTMIDN610	revised-technical-manual-document-identifier	0135	FK
SRCDOD552	united-states-defense-department-document-source-enterprise-acronym-identification-code	0002	FK
TMNTYP550	technical-manual-document-type-code	0004	FK

B.5.14.20. Table 572, Supplemented technical manuals (SUPPLEMENTED-DODTM). This table is a subtype of Table DOD-TMREV/554 for the case where the value of document-iteration-type-code (REVTYP554) in Table 554 is 'S'. It contains the history of the various sets of technical order page supplements (TOPS) to each technical manual or technical order, (including revision and change).

- a. Supplements to technical manuals are numbered based on the current technical manual revision and change in effect. Therefore, the value of document-alphanumeric-identifier (DOCNUM552) inherited from Table 554 and the changed-technical-manual-document-identifier optionally inherited from Tables 611, 612, and 613, must be the same as the concatenation of the values of revised-technical-manual-document-identifier (RTMIDN571) and technical-manual-document-change-identifier (CHGNUM571) inherited from Table 571. This concatenation assumes the identity changed-technical-manual-document-identifier (CTMIDN572). The entries in this table represent the technical manual with the revisions, changes and supplement(s) incorporated. (See also, Table 600.)
- b. Supplements to technical manuals are identified by a supplement type and either supplement issue date or sequence number. This difference exists because only one routine, safety, and operational supplement can be in effect at any time; however, multiple page supplements can be in effect.

MIL-STD-2549
APPENDIX B

- c. Attribute document-generic-revision-identifier (DOCREV011) inherited from Table 554 assumes the role technical-manual-document-supplement-set-effective-date (SETDAT572).

Code	Data Element Title	DED	Key
CTMIDN572	changed-technical-manual-document-identifier	0218	FK
SETDAT572	technical-manual-document-supplement-set-effective-date	0082	FK
SRCDOD552	united-states-defense-department-document-source-enterprise-acronym-identification-code	0002	FK
TMNTYP550	technical-manual-document-type-code	0004	FK
DOCTYP010	document-type-code	0004	FK, O
OSIDEN612	technical-manual-operational-supplement-document-sequential-identifier	0244	FK
RSIDEN613	technical-manual-routine-supplement-document-sequential-identifier	0244	FK
SSIDEN611	technical-manual-safety-supplement-document-sequential-identifier	0244	FK

B.5.14.21. Table 573, Correlation of technical order page supplements (TOPS) to technical manuals (DODTMSUPSET-TOPS). This table correlates multiple TOPS which are simultaneously effective with the technical order to which they pertain. This entity represents the technical order with TOPS incorporated. (See also: Table 614.)

- a. Attribute changed-technical-manual-document-identifier (CTMIDN572) inherited from Table 572 and changed-technical-manual-document-identifier (CTMIDN614) inherited from Table 614 must both have the same value. Therefore they merge and assume the identity changed-technical-manual-document-identifier (CTMIDN572).

Code	Data Element Title	DED	Key
CTMIDN572	changed-technical-manual-document-identifier	0218	FK
DOCTYP010	document-type-code	0004	FK
SETDAT572	technical-manual-document-supplement-set-effective-date	0082	FK
SRCDOD552	united-states-defense-department-document-source-enterprise-acronym-identification-code	0002	FK
TMNTYP550	technical-manual-document-type-code	0004	FK
TOPIDN614	technical-manual-page-supplement-document-sequential-identifier	0244	FK

B.5.14.22. Tables 574 through 599. Reserved.

MIL-STD-2549
APPENDIX B

B.5.15. Document supplements. The entity tables numbered in the range of 600 through 650 contain the identification of, and information concerning, supplements to documents. Supplements, as used herein, refers to document changes or modifications which are intended to augment a document and are treated as separate documents for the purpose of review, approval and distribution, but which are identified by the document they are to augment. This type of document can be called many different names: change pages, revision sheets, notice, supplement, amendment, etc. One example is supplements to military technical manuals; these are prepared, reviewed, approved, and distributed as independent documents, but are identified with the same number as the technical manual they are to supplement. Another example would be changes to military standards; the change pages, along with accompanying pen and ink change instructions are prepared, reviewed, approved, and distributed as independent documents, but are identified with the same number as the military standard they are to change. The relationship between these various entity tables are depicted in Figures 15SUP1 and 15SUP6.

B.5.15.1. Table 600, Reserved.

B.5.15.2. Table 601, Document supplement identification (DOCSUPREV). This table is a category of GENERIC-DOCREV/011 for the case where the value of the document type code is 'DOCSUP'. It contains those supplements, addendums, changes, etc. which are treated as independent documents for the purpose of review and distribution, but which are identified only as iterations of another document. For example, Operational Supplements to DOD technical manuals are identified by the technical manual, technical manual revision, and change to the technical manual revision, as well as their unique identifier. Therefore, entries in this table must always be associated with another document from which they inherit their primary identification. These are sometimes referred to as Pen & Ink changes or slip-sheets. This entity addresses the package of revised pages or instructions to revise pages only. (See also: DOD-TMREV/554 for contrast.)

Code	Data Element Title	DED	Key
DOCIDN010	document-identifier	0122	FK
DOCREV011	document-generic-revision-identifier	0243	FK
DOCTYP010	document-type-code	0004	FK
SRCIDN010	document-source-entity-identifier	0033	FK
SUPTYP601	supplement-document-type-code	0162	M

B.5.15.3. Tables 602 through 609. Reserved.

B.5.15.4. Table 610, DOD technical manual change identification (DOD-TMCHG). This table is a category of Table DOCSUPREV/601 for the case where the value of supplement-document-type-code (SUPTYP601) in Table 601 is 'CHG'. It contains the identification of Department of Defense Technical Manual Change.

- a. Changes to DOD technical manuals are numbered (or lettered) based on the current technical manual revision in effect. Therefore, the value of document-identifier (DOCIDN010) inherited from Table 601 must be the same as the concatenation of the values of document-alphanumeric-identifier (DOCNUM554) and technical-manual-document-revision-issue-date (ISSDAT570) inherited from Table 570. This concatenation assumes the identity revised-technical-manual-document-identifier (RTMIDN610). The entries in this table represent the change (supplement) only. (See also: Table 571.)

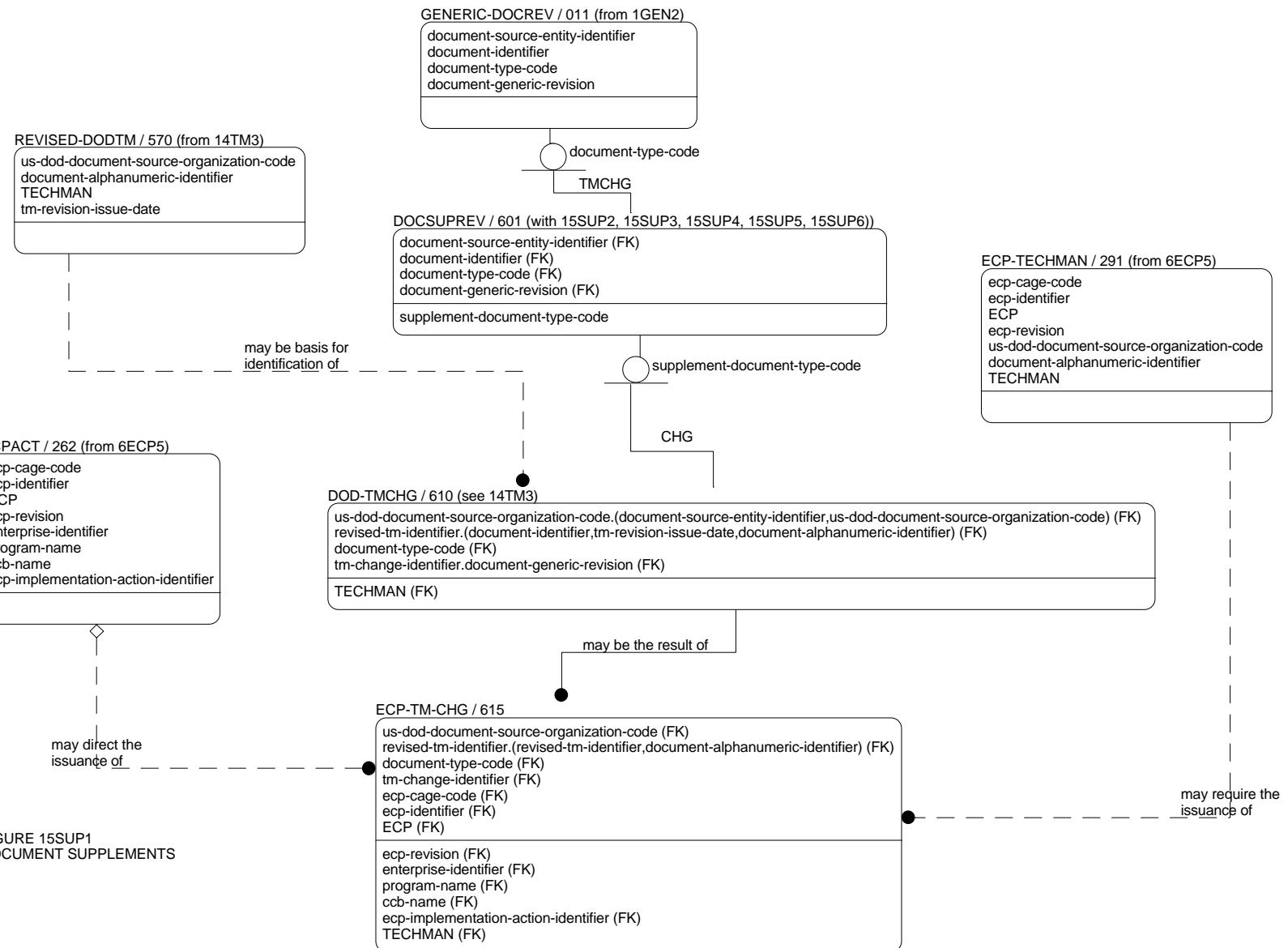


FIGURE 15SUP1
DOCUMENT SUPPLEMENTS

B-249

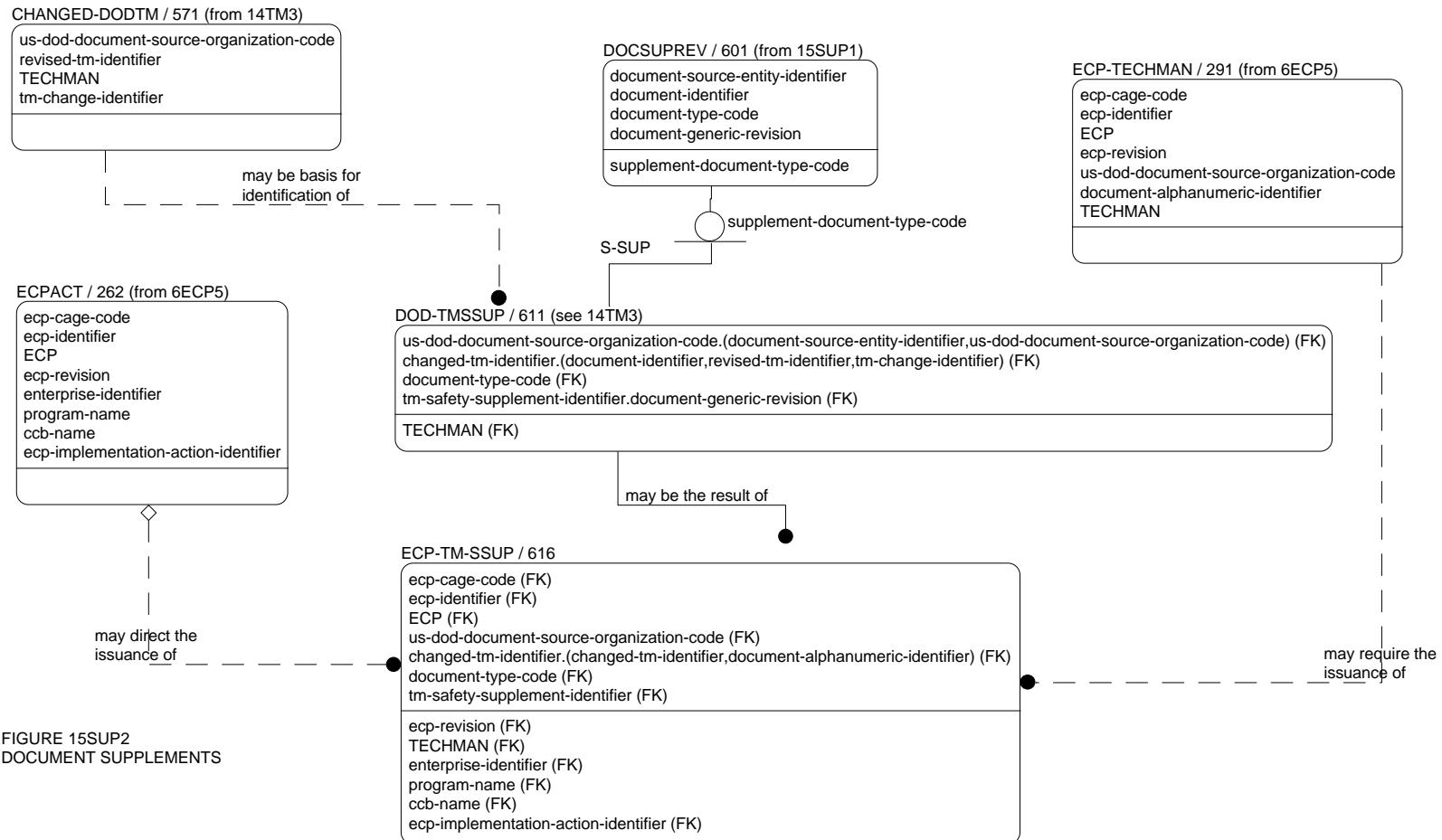


FIGURE 15SUP2
DOCUMENT SUPPLEMENTS

B-250

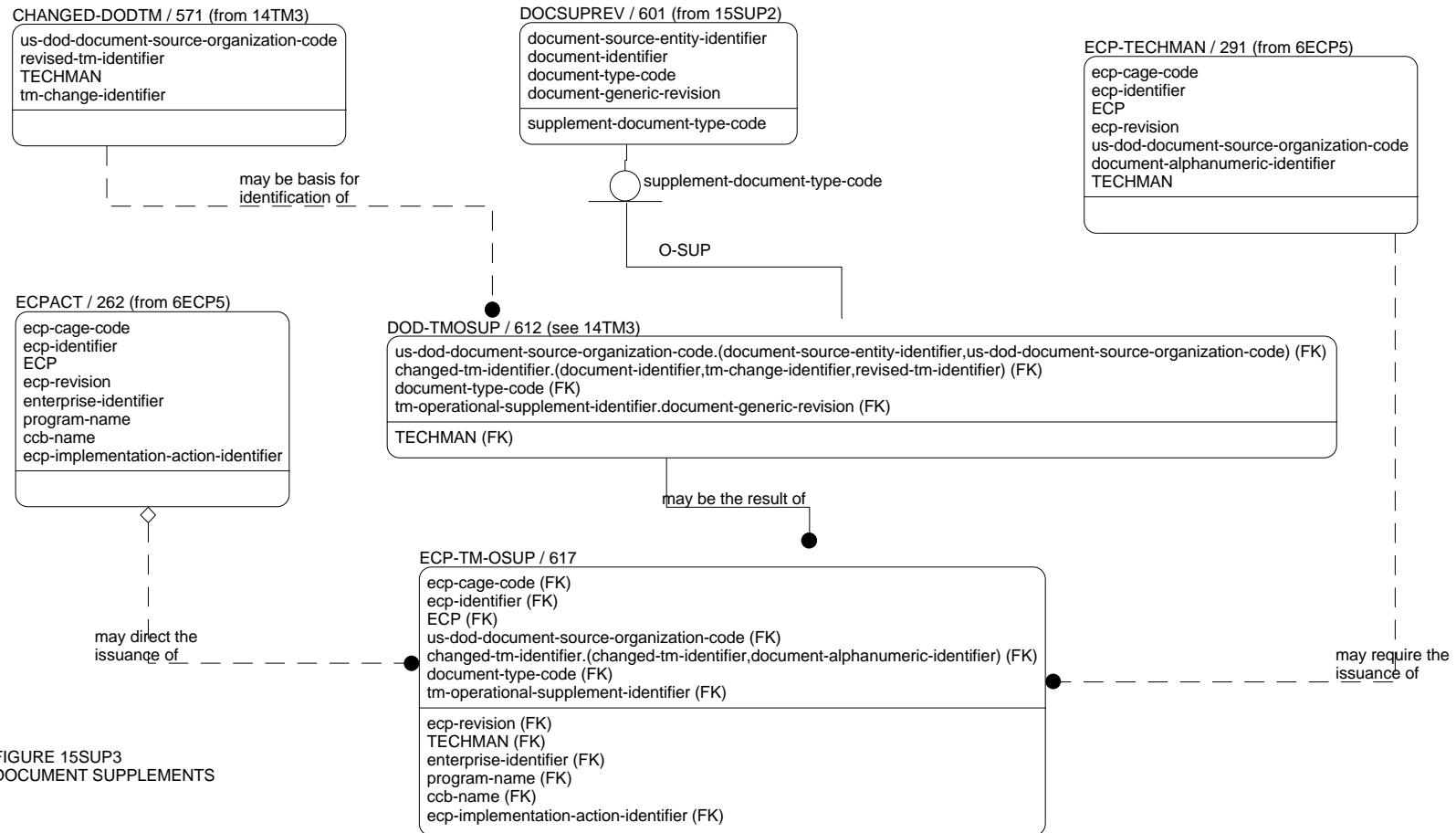


FIGURE 15SUP3
DOCUMENT SUPPLEMENTS

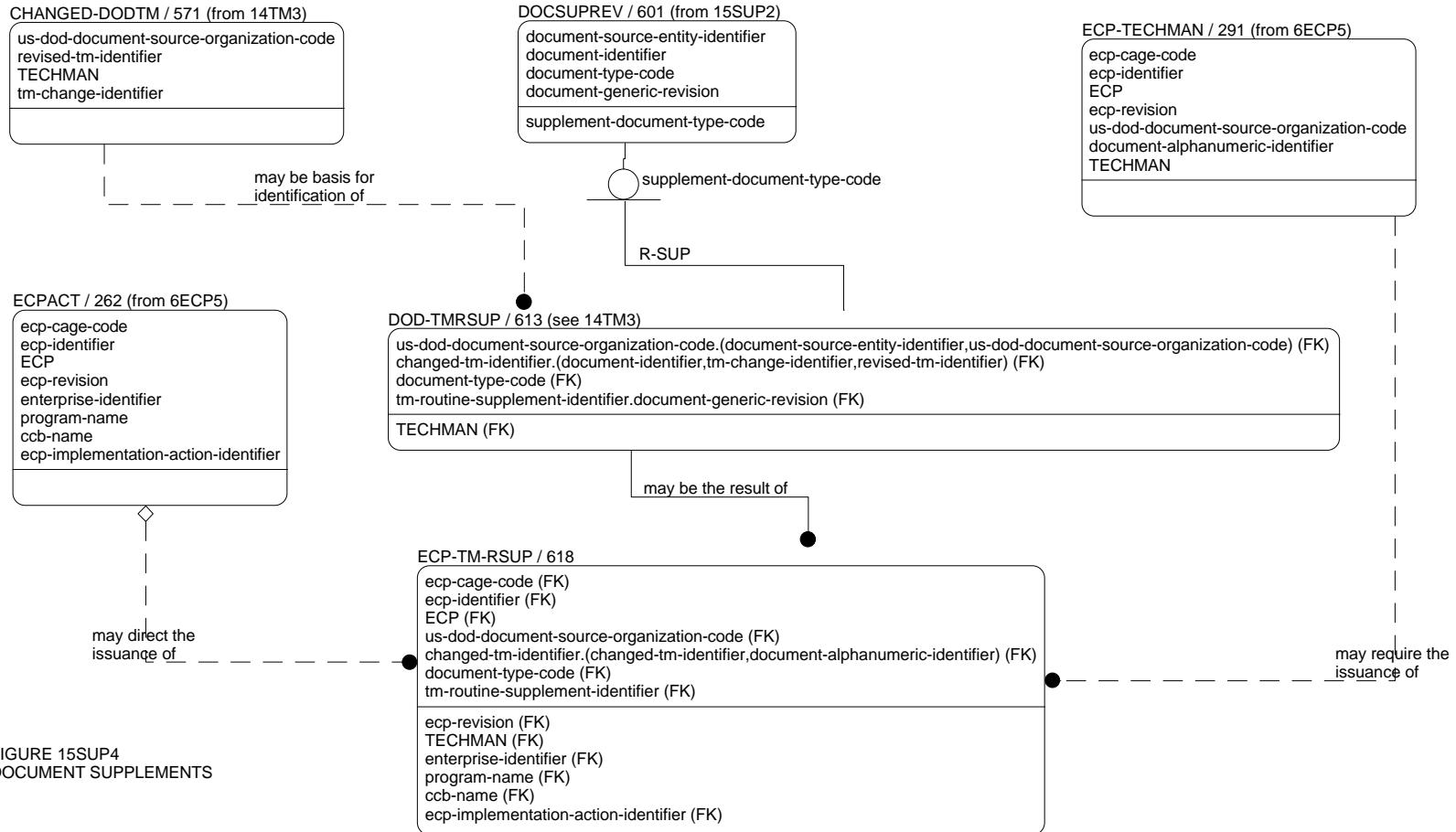


FIGURE 15SUP4
DOCUMENT SUPPLEMENTS

B-252

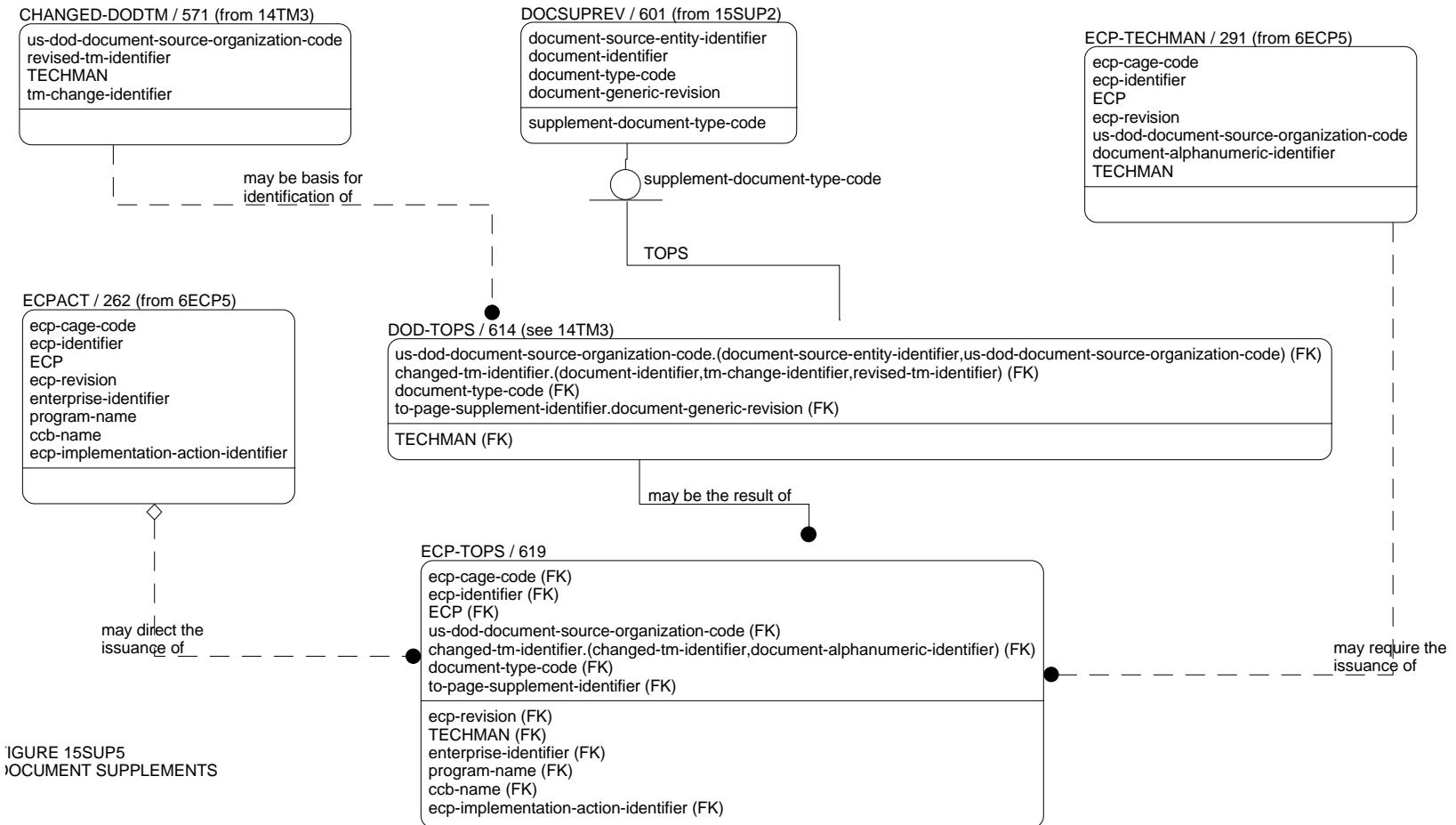


FIGURE 15SUP5
DOCUMENT SUPPLEMENTS

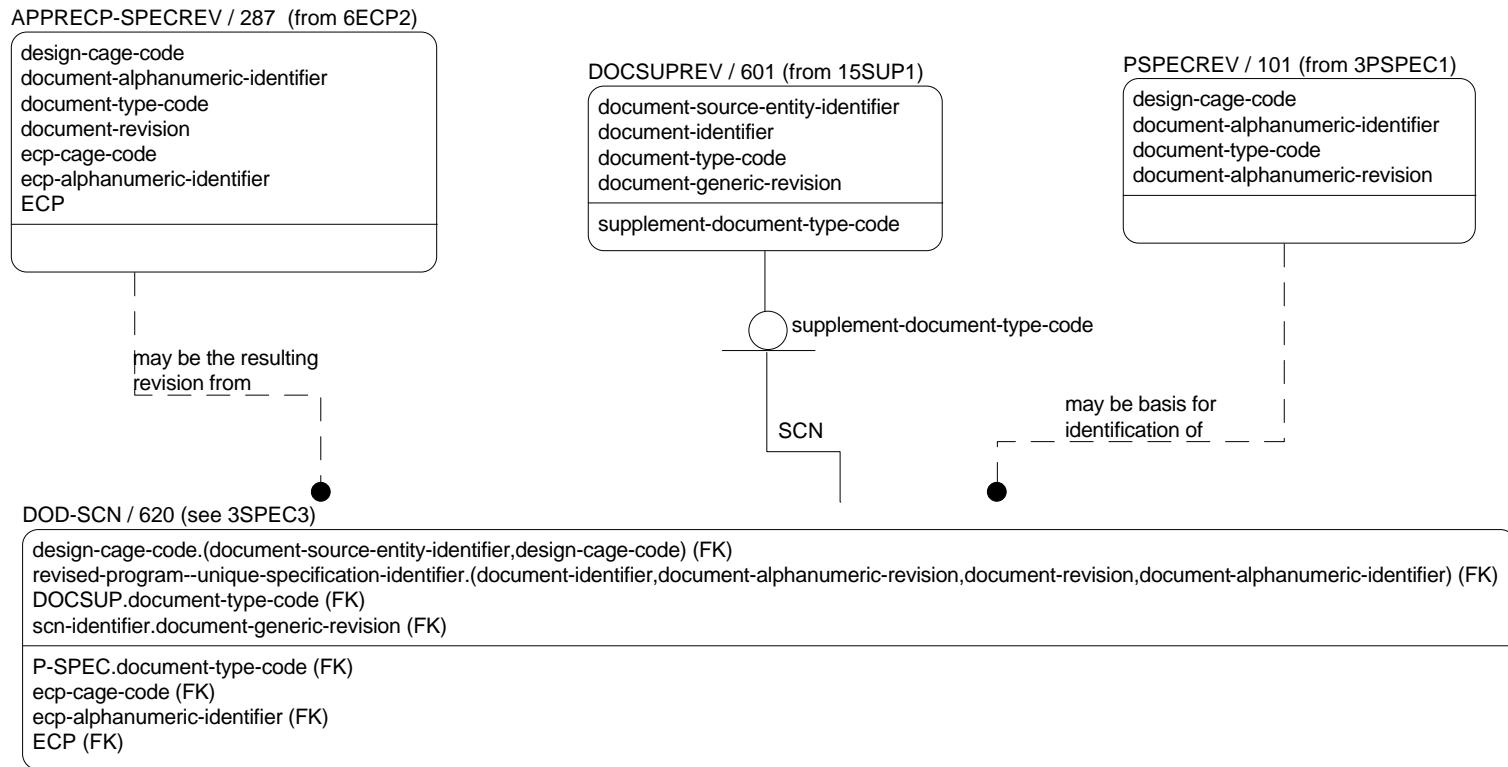


FIGURE 15SUP6
DOCUMENT SUPPLEMENTS

MIL-STD-2549
APPENDIX B

- b. Changes to technical manuals are identified by an issue date of the basic manual and the change number (or letter).
- c. Attribute document-generic-revision-identifier (DOCREV011) inherited from Table 601 assumes the role technical-manual-change-document-identifier (CHGNUM610).
- d. Attribute united-states-defense-department-document-source-enterprise-acronym-identification-code (SRCDOD552) inherited from Table 570 and document-source-entity-identifier (SRCIDN010) inherited from Table 601 must both have the same value. Therefore they merge and assume the identity united-states-defense-department-document-source-enterprise-acronym-identification-code (SRCDOD552).

Code	Data Element Title	DED	Key
CHGNUM610	technical-manual-change-document-identifier	0134	FK
DOCTYP010	document-type-code	0004	FK
RTMIDN610	revised-technical-manual-document-identifier	0135	FK
SRCDOD552	united-states-defense-department-document-source-enterprise-acronym-identification-code	0002	FK
TMNTYP550	technical-manual-document-type-code	0004	FK

B.5.15.5. Table 611, DOD technical manual safety supplement identification (DOD-TMSSUP). This table is a category of Table DOCSUPREV/601 for the case where the value of supplement-document-type-code (SUPTYP601) in Table 601 is 'SS'. It contains the identification of Department of Defense Technical Manual Safety Supplements.

- a. Safety Supplements to DOD technical manuals are numbered based on the current technical manual revision and change in effect. Therefore, the value of document-identifier (DOCIDN010) inherited from Table 601 must be the same as the concatenation of the values of revised-technical-manual-document-identifier (RTMIDN571) and technical-manual-document-change-identifier (CHGNUM571) inherited from Table 571. This concatenation assumes the identity changed-technical-manual-document-identifier (CTMIDN611). The entries in this table represent the safety supplement only. (See also: Table 572.)
- b. Safety Supplements to technical manuals are identified by an issue date.
- c. Attribute united-states-defense-department-document-source-enterprise-acronym-identification-code (SRCDOD552) inherited from Table 571 and document-source-entity-identifier (SRCIDN010) inherited from Table 601 must both have the same value. Therefore they merge and assume the identity united-states-defense-department-document-source-enterprise-acronym-identification-code (SRCDOD552).
- d. Attribute document-generic-revision-identifier (DOCREV011) inherited from Table 601 assumes the role technical-manual-safety-supplement-document-sequential-identifier (SSIDEN611).

Code	Data Element Title	DED	Key
CTMIDN611	changed-technical-manual-document-identifier	0218	FK
DOCTYP010	document-type-code	0004	FK
SRCDOD552	united-states-defense-department-document-source-enterprise-acronym-identification-code	0002	FK

MIL-STD-2549
APPENDIX B

SSIDEN611	technical-manual-safety-supplement-document-sequential-identifier	0244	FK
TMNTYP550	technical-manual-document-type-code	0004	FK
SISSDT611	technical-manual-safety-supplement-document-issue-date	0082	M

B.5.15.6. Table 612, DOD technical manual operational supplement identification (DOD-TMOSUP). This table is a category of Table DOCSUPREV/601 for the case where the value of supplement-document-type-code (SUPTYP601) in Table 601 is 'OS'. It contains the identification of Department of Defense Technical Manual Operational Supplements.

- a. Operational Supplements to DOD technical manuals are numbered based on the current technical manual revision and change in effect. Therefore, the value of document-identifier (DOCIDN010) inherited from Table 601 must be the same as the concatenation of the values of revised-technical-manual-document-identifier (RTMIDN571) and technical-manual-document-change-identifier (CHGNUM571) inherited from Table 571. This concatenation assumes the identity changed-technical-manual-document-identifier (CTMIDN612). The entries in this table represent the operational supplement only. (See also: Table 572.)
- b. Operational Supplements to technical manuals are identified by an issue date.
- c. Attribute document-generic-revision-identifier (DOCREV011) inherited from Table 601 assumes the role technical-manual-operational-supplement-document-sequential-identifier (OSIDEN612).
- d. Attribute united-states-defense-department-document-source-enterprise-acronym-identification-code (SRCDOD552) inherited from Table 571 and document-source-entity-identifier (SRCIDN010) inherited from Table 601 must both have the same value. Therefore they merge and assume the identity united-states-defense-department-document-source-enterprise-acronym-identification-code (SRCDOD552).

Code	Data Element Title	DED	Key
CTMIDN612	changed-technical-manual-document-identifier	0218	FK
DOCTYP010	document-type-code	0004	FK
OSIDEN612	technical-manual-operational-supplement-document-sequential-identifier	0244	FK
SRCDOD552	united-states-defense-department-document-source-enterprise-acronym-identification-code	0002	FK
TMNTYP550	technical-manual-document-type-code	0004	FK
OISSDT612	technical-manual-operational-supplement-document-issue-date	0082	M

B.5.15.7. Table 613, DOD technical manual routine supplement identification (DOD-TMRSUP). This table is a category of Table DOCSUPREV/601 for the case where the value of supplement-document-type-code (SUPTYP601) in Table 601 is 'SUP'. It contains the identification of Department of Defense Technical Manual Routine Supplements.

- a. Routine Supplements to DOD technical manuals are numbered based on the current technical manual revision and change in effect. Therefore, the value of document-identifier (DOCIDN010) inherited from Table 601 must be the same as the concatenation of the values of revised-technical-manual-document-

MIL-STD-2549
APPENDIX B

identifier (RTMIDN571) and technical-manual-document-change-identifier (CHGNUM571) inherited from Table 571. This concatenation assumes the identity changed-technical-manual-document-identifier (CTMIDN613). The entries in this table represent the operational supplement only. (See also: Table 572.)

- b. Operational Supplements to technical manuals are identified by an issue date.
- c. Attribute document-generic-revision-identifier (DOCREV011) inherited from Table 601 assumes the role technical-manual-routine-supplement-document-sequential-identifier (RSIDEN613).
- d. Attribute united-states-defense-department-document-source-enterprise-acronym-identification-code (SRCDOD552) inherited from Table 571 and document-source-entity-identifier (SRCIDN010) inherited from Table 601 must both have the same value. Therefore they merge and assume the identity united-states-defense-department-document-source-enterprise-acronym-identification-code (SRCDOD552).

Code	Data Element Title	DED	Key
CTMIDN613	changed-technical-manual-document-identifier	0218	FK
DOCTYP010	document-type-code	0004	FK
RSIDEN613	technical-manual-routine-supplement-document-sequential-identifier	0244	FK
SRCDOD552	united-states-defense-department-document-source-enterprise-acronym-identification-code	0002	FK
TMNTYP550	technical-manual-document-type-code	0004	FK
RISSDT613	technical-manual-routine-supplement-document-issue-date	0082	M

B.5.15.8. Table 614, DOD technical order page supplement identification (DOD-TMTPSUP). This table is a category of Table DOCSUPREV/601 for the case where the value of supplement-document-type-code (SUPTYP601) in Table 601 is 'TP'. It contains the identification of Department of Defense Technical Order Page Supplements (TOPS).

- a. TOPS to DOD technical manuals are numbered based on the current technical manual revision and change in effect. Therefore, the value of document-identifier (DOCIDN010) inherited from Table 601 must be the same as the concatenation of the values of revised-technical-manual-document-identifier (RTMIDN571) and technical-manual-document-change-identifier (CHGNUM571) inherited from Table 571. This concatenation assumes the identity changed-technical-manual-document-identifier (CTMIDN614). The entries in this table represent the TOPS only. (See also: Table 572.)
- b. Attribute united-states-defense-department-document-source-enterprise-acronym-identification-code (SRCDOD552) inherited from Table 571 and document-source-entity-identifier (SRCIDN010) inherited from Table 601 must both have the same value. Therefore they merge and assume the identity united-states-defense-department-document-source-enterprise-acronym-identification-code (SRCDOD552).
- c. Attribute document-generic-revision-identifier (DOCREV011) inherited from Table 601 assumes the role technical-manual-page-supplement-document-sequential-identifier (TOPIDN614).

MIL-STD-2549
APPENDIX B

Code	Data Element Title	DED	Key
CTMIDN614	changed-technical-manual-document-identifier	0218	FK
DOCTYP010	document-type-code	0004	FK
SRCDOD552	united-states-defense-department-document-source-enterprise-acronym-identification-code	0002	FK
TOPIDN614	technical-manual-page-supplement-document-sequential-identifier	0244	FK
TMNTYP550	technical-manual-document-type-code	0004	FK
TOPISS614	technical-manual-supplement-document-issue-date	0082	M

B.5.15.9. Table 615, Correlation of ECPs to technical manual changes (ECP-TMCHG). This table correlates approved ECPs to the Technical Manual/Order change which results from the approved ECP.

- a. Attribute document-alphanumeric-identifier (DOCNUM552) inherited from Table 291 and revised-technical-manual-document-identifier (RTMIDN610) inherited from Table 610 must both have the same value. Therefore they merge and assume the identity revised-technical-manual-document-identifier (RTMIDN615).

Code	Data Element Title	DED	Key
CHGNUM610	technical-manual-change-document-identifier	0134	FK
DOCTYP010	document-type-code	0004	FK
ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK
RTMIDN615	revised-technical-manual-document-identifier	0135	FK
SRCDOD552	united-states-defense-department-document-source-enterprise-acronym-identification-code	0002	FK
CCBNAM700	program-configuration-control-board-name	0151	FK, O
ECPACT262	engineering-change-implementation-process-action-identifier	0072	FK, O
ECPREV251	engineering-change-proposal-document-alphanumeric-revision-identifier	0009	FK
ENTIDN002	enterprise-identifier	0052	FK, O
PROGNM691	program-name	0059	FK, O
TMNTYP550	technical-manual-document-type-code	0004	FK

B.5.15.10. Table 616, Correlation of ECPs to technical manual safety supplements (ECP-TM-SSUP). This table correlates approved ECPs with the technical manual safety supplements which are created as a result of their approval.

MIL-STD-2549
APPENDIX B

- a. Attribute document-alphanumeric-identifier (DOCNUM552) inherited from Table 291 and changed-technical-manual-document-identifier (CTMIDN611) inherited from Table 611 must both have the same value. Therefore they merge and assume the identity changed-technical-manual-document-identifier (CTMIDN611).

Code	Data Element Title	DED	Key
CTMIDN611	changed-technical-manual-document-identifier	0218	FK
DOCTYP010	document-type-code	0004	FK
ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK
SRCDOD552	united-states-defense-department-document-source-enterprise-acronym-identification-code	0002	FK
SSIDEN611	technical-manual-safety-supplement-document-sequential-identifier	0244	FK
CCBNAM700	program-configuration-control-board-name	0151	FK, O
ECPACT262	engineering-change-implementation-process-action-identifier	0072	FK, O
ECPREV251	engineering-change-proposal-document-alphanumeric-revision-identifier	0009	FK
ENTIDN002	enterprise-identifier	0052	FK, O
PROGNM691	program-name	0059	FK, O
TMNTYP550	technical-manual-document-type-code	0004	FK

B.5.15.11. Table 617, Correlation of ECPs to technical manual operational supplements (ECP-TM-OSUP). This table correlates approved ECPs with the technical manual operational supplements which are created as a result of their approval.

- a. Attribute document-alphanumeric-identifier (DOCNUM552) inherited from Table 291 and changed-technical-manual-document-identifier (CTMIDN612) inherited from Table 612 must both have the same value. Therefore they merge and assume the identity changed-technical-manual-document-identifier (CTMIDN612).

Code	Data Element Title	DED	Key
CTMIDN612	changed-technical-manual-document-identifier	0218	FK
DOCTYP010	document-type-code	0004	FK
ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK
OSIDEN612	technical-manual-operational-supplement-document-sequential-identifier	0244	FK

MIL-STD-2549
APPENDIX B

SRCDOD552	united-states-defense-department-document-source-enterprise-acronym-identification-code	0002	FK
CCBNAM700	program-configuration-control-board-name	0151	FK, O
ECPACT262	engineering-change-implementation-process-action-identifier	0072	FK, O
ECPREV251	engineering-change-proposal-document-alphanumeric-revision-identifier	0009	FK
ENTIDN002	enterprise-identifier	0052	FK, O
PROGNM691	program-name	0059	FK, O
TMNTYP550	technical-manual-document-type-code	0004	FK

B.5.15.12. Table 618, Correlation of ECPs to technical manual routine supplements (ECP-TM-RSUP). This table correlates approved ECPs with the technical manual routine supplements which are created as a result of their approval.

- a. Attribute document-alphanumeric-identifier (DOCNUM552) inherited from Table 291 and changed-technical-manual-document-identifier (CTMIDN613) inherited from Table 613 must both have the same value. Therefore they merge and assume the identity changed-technical-manual-document-identifier (CTMIDN613).

Code	Data Element Title	DED	Key
CTMIDN613	changed-technical-manual-document-identifier	0218	FK
DOCTYP010	document-type-code	0004	FK
ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK
PROGNM691	program-name	0059	FK
RSIDEN613	technical-manual-routine-supplement-document-sequential-identifier	0244	FK
SRCDOD552	united-states-defense-department-document-source-enterprise-acronym-identification-code	0002	FK
CCBNAM700	program-configuration-control-board-name	0151	FK, O
ECPACT262	engineering-change-implementation-process-action-identifier	0072	FK, O
ECPREV251	engineering-change-proposal-document-alphanumeric-revision-identifier	0009	FK
ENTIDN002	enterprise-identifier	0052	FK, O
TMNTYP550	technical-manual-document-type-code	0004	FK

B.5.15.13. Table 619, Correlation of ECPs to TOPS (ECP-TOPS). This table correlates approved ECPs with the technical order page supplements which are created as a result of their approval.

- a. Attribute document-alphanumeric-identifier (DOCNUM552) inherited from Table 291 and changed-technical-manual-document-identifier (CTMIDN614) inherited from Table 614 must both have the same

MIL-STD-2549
APPENDIX B

value. Therefore they merge and assume the identity changed-technical-manual-document-identifier (CTMIDN614).

Code	Data Element Title	DED	Key
CTMIDN614	changed-technical-manual-document-identifier	0218	FK
DOCTYP010	document-type-code	0004	FK
ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK
SRCDOD552	united-states-defense-department-document-source-enterprise-acronym-identification-code	0002	FK
TOPIDN614	technical-manual-page-supplement-document-sequential-identifier	0244	FK
CCBNAM700	program-configuration-control-board-name	0151	FK, O
ECPACT262	engineering-change-implementation-process-action-identifier	0072	FK, O
ECPREV251	engineering-change-proposal-document-alphanumeric-revision-identifier	0009	FK
ENTIDN002	enterprise-identifier	0052	FK, O
PROGNM691	program-name	0059	FK, O
TMNTYP550	technical-manual-document-type-code	0004	FK

B.5.15.14. Table 620, Program-unique specification change notices (SCN). This table is a category of Table DOCSUPREV/601 for the case where the value of supplement-document-type-code (SUPTYP601) in Table 601 is 'SCN'. It contains the identification of specification change notices (SCNs) to program-unique specifications. It is included in this conceptual schema for legacy documents only.

- a. SCNs to program-unique specifications are numbered based on the current specification revision in effect. Therefore, the value of document-identifier (DOCIDN010) inherited from Table 601 must be the same as the value of document-alphanumeric-identifier (DOCNUM020) inherited from Table 287 and also must be the same as the concatenation of the values of document-alphanumeric-identifier (DOCNUM020) and document-alphanumeric-revision-identifier (DOCREV101) inherited from Table 101. This concatenation assumes the identity revised-program--unique-specification-document-identifier (RSPCID620). The entries in this table represent the SCN only. (See also: Table 149.)
- b. Attribute design-enterprise-defense-logistics--assigned-identification-code (DESCAG100) inherited from Table 101, design-enterprise-defense-logistics--assigned-identification-code (DESCAG100) inherited from Table 287, and document-source-entity-identifier (SRCIDN010) inherited from Table 601 must all be the same. Therefore, they merge and assume the identity design-enterprise-defense-logistics--assigned-identification-code (DESCAG100).
- c. Attribute document-type-code (DOCTYP010) inherited from Table 601 assumes the role supplemental-document-type-code (DSUPTY620).
- d. The value of document-alphanumeric-revision-identifier (DOCREV101) inherited from Table 287 and the value of document-generic-revision-identifier (DOCREV011) inherited from Table 601 must be the same.

MIL-STD-2549
APPENDIX B

Therefore, they merge into the identity program--unique-specification-change-notice-document-sequential-identifier (SCNIDN620).

- e. Attribute document-type-code (DOCTYP010) inherited from Table 101 and document-type-code (DOCTYP010) inherited from Table 287 must have the same value and merge to assume the role program--unique-specification-document-type-code (SPCTYP620).

Code	Data Element Title	DED	Key
DESCAG100	design-enterprise-defense-logistics--assigned-identification-code	0001	FK
DSUPTY620	supplemental-document-type-code	0004	FK
RSPCID620	revised-program--unique-specification-document-identifier	0149	FK
SCNIDN620	program--unique-specification-change-notice-document-sequential-identifier	0193	FK
ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK
SPCTYP620	program--unique-specification-document-type-code	0004	FK

B.5.15.15. Tables 621 through 649. Reserved.

MIL-STD-2549
APPENDIX B

B.5.16. Data item descriptions. Entity tables numbered in the range of 650 through 669 contain the identification of or contain the identification of military data item descriptions. (For the U.S. DOD, DIDs are defined in MIL-STD-963). These documents have been traditionally used primarily by the Department of Defense; however, with the advent of acquisition reform, many enterprises other than the DOD are finding a need to create them. The relationships between these various DID document entity tables are depicted in Figure 16DID1.

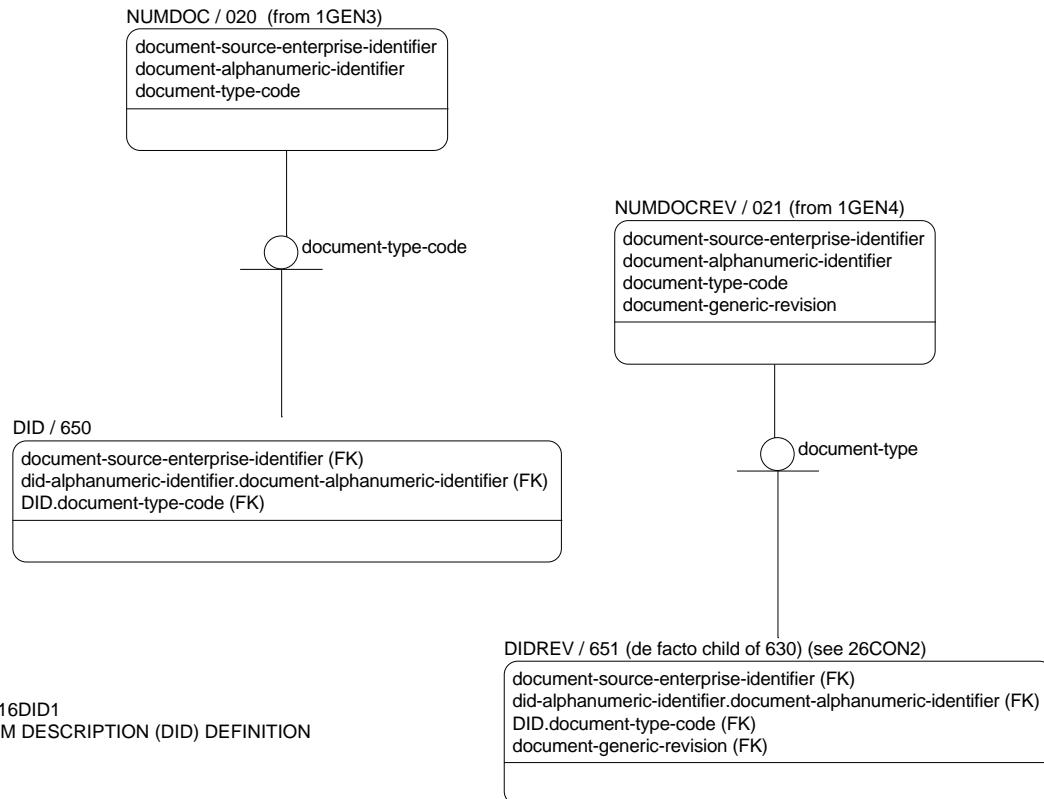


FIGURE 16DID1
DATA ITEM DESCRIPTION (DID) DEFINITION

B.5.16.1. Table 650, Data item description definition (DID). This table includes the unique and primary identification of data item description (DID) documents. A DID is one subcategory of Table NUMDOC/020 for the case where the value of document-type-code (DOCTYP010) is 'DID'. Although not shown in Figure 16DID1, this table may be further subtyped based on the value of enterprise-identification-type-code (ENTTYP002) in Table 002. This further subcategorization (reflecting the entity hierarchy in Figure 1GEN1) allows for the incorporation of organization-specific identification rules for DIDs.

- Attribute document-alphanumeric-identifier (DOCNUM020) inherited from Table 020 assumes the role data-item-description-document-alphanumeric-identifier (DIDNUM650).
- Attribute document-type-code (DOCTYP010) inherited from Table 020 assumes the role data-item-description-document-type-code (DIDTYP650).

MIL-STD-2549
APPENDIX B

Code	Data Element Title	DED	Key
DIDNUM650	data-item-description-document-alphanumeric-identifier	0003	FK
DIDTYP650	data-item-description-document-type-code	0004	FK
SRCENT020	document-source-enterprise-identifier	0052	FK

B.5.16.2. Table 651, Data item description revision definition (DIDREV). This table is a subtype of Table NUMDOCREV/021 for the case where the value of document-type-code (DOCTYP010) is 'DID'; it contains the revision history of data item description documents. Due to parallel categorization, Table 651 is a de facto child of Table 650.

- a. Because this table is a de facto child of Table 650, document-alphanumeric-identifier (DOCNUM020) inherited from Table 021 is really a data-item-description-document-alphanumeric-identifier (DIDNUM650) existing in Table 650. Therefore, DOCNUM020 assumes the identity DIDNUM650.
- b. Because this table is a de facto child of Table 650, document-type-code (DOCTYP010) inherited from Table 021 is really a data-item-description-document-type-code (DIDTYP650) existing in Table 650. Therefore, DOCTYP010 assumes the identity DIDTYP650.

Code	Data Element Title	DED	Key
DIDNUM650	data-item-description-document-alphanumeric-identifier	0003	FK
DIDTYP650	data-item-description-document-type-code	0004	FK
DOCREV011	document-generic-revision-identifier	0243	FK
SRCENT020	document-source-enterprise-identifier	0052	FK

B.5.16.3. Tables 652 through 669. Reserved.

MIL-STD-2549
APPENDIX B

B.5.17. Procurement Activity Numbers. Entity tables numbered in the range of 670 through 674 contain the Procurement Activity Numbers. PANs are not documents; they are merely an alternate index to ECPs and RFDs used by ARDEC. The relationships between the PAN entity tables and the ECP/RFD entity tables are depicted in Figure 17PAN1.

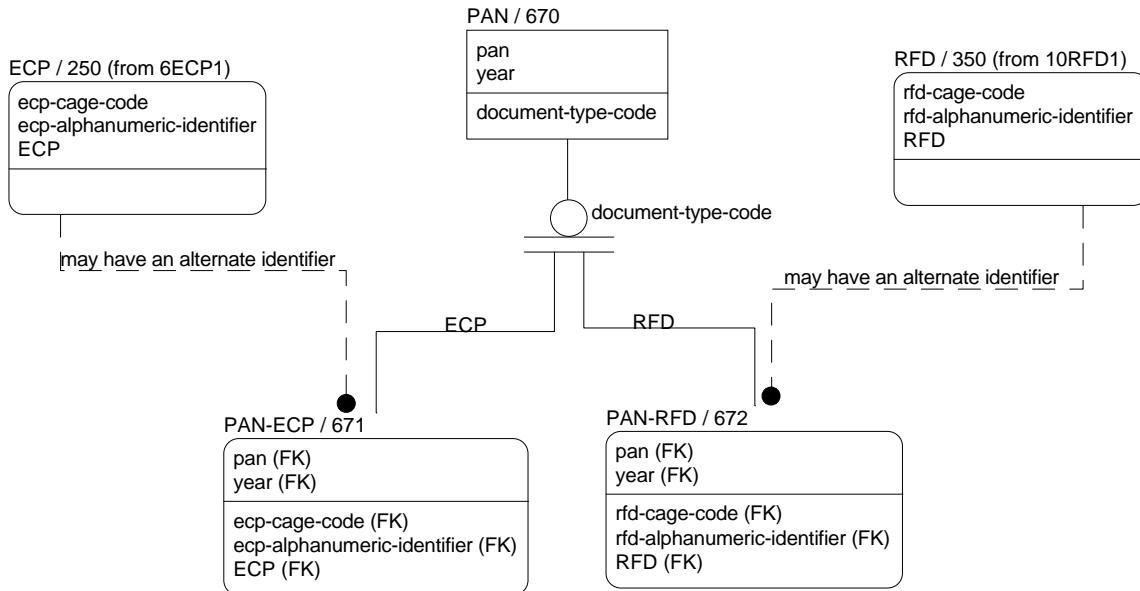


FIGURE 17PAN1
PROCURING ACTIVITY NUMBER (PAN) CORRELATION

B.5.17.1. Table 670, Procuring activity number definition (PAN). This table includes the unique and primary identification of a procuring activity [tracking] number. A PAN is not a document, but merely an alternate identification for ECPs and RFDs. PANs are used exclusively by U.S. Army/ARDEC.

- The value of document-type-code (DOCTYP670) must be 'ECP' or 'RFD'.

Code	Data Element Title	DED	Key
PANNUM670	document-procuring-activity--assigned-identifier	0178	K
YEARNO670	julian-year-period-identifier	0219	K
DOCTYP670	document-type-code	0004	M

B.5.17.2. Table 671, Correlation of PAN to ECP (PAN-ECP). This table is a subcategory of Table PAN/670 for the case where the value of document-type-code (DOCTYP670) is 'ECP'. It contains the subset of the contents of Table 670 and consisting of those PANs which are alternate identifiers for ECPs. It correlates PANs to ECP identifiers.

MIL-STD-2549
APPENDIX B

Code	Data Element Title	DED	Key
PANNUM670	document-procuring-activity--assigned-identifier	0178	FK
YEARNO670	julian-year-period-identifier	0219	FK
ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK, AK1
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK, AK1
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK, AK1

B.5.17.3. Table 672, Correlation of PAN to RFD (PAN-RFD). This table is a subcategory of Table PAN/670 for the case where the value of document-type-code (DOCTYP670) is 'RFD'. It contains the subset of the contents of Table 670 and consisting of those PANs which are alternate identifiers for RFDs. It correlates PANs to RFD identifiers.

Code	Data Element Title	DED	Key
PANNUM670	document-procuring-activity--assigned-identifier	0178	FK
YEARNO670	julian-year-period-identifier	0219	FK
RFDCAG350	deviation-request-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK, AK1
RFDNUM350	deviation-request-document-alphanumeric-identifier	0003	FK, AK1
RFDTYP350	deviation-request-document-type-code	0004	FK, AK1

B.5.17.4. Tables 673 and 674. Reserved.

MIL-STD-2549
APPENDIX B

B.5.18. Audit Action Items. Entity tables numbered in the range of 675 through 689 contain the identification and status of all action items which are the result of a configuration audit of any type. The relationships between the audit action item entity tables are depicted in Figure 18AUD1.

B.5.18.1. Table 675, Configuration management audits (AUD). This table contains the unique identification of configuration management audits. It is used to provide the basis for identifying action items and tracking them until completion. Although designed solely for the configuration management audits (PCA and FCA), its use can be expanded for all program reviews (for example, SSR, SDR, etc.).

Code	Data Element Title	DED	Key
AUDDAT675	audit-process-date	0082	K
AUDTYP675	audit-process-type-code	0070	K
CIIDEN695	configuration-item-product-identifier	0111	FK
CONIDN950	contract-document-identifier	0015	FK

B.5.18.2. Table 676, Audit actions (AUDACT). This table contains the unique identifier and description of each major action item which results from a configuration management audit. The enterprise-identifier (ENTIDN002) and enterprise-office-name (OFFSYM941) inherited from Table 941 reflect the responsibility for the completion of this action.

Code	Data Element Title	DED	Key
AUDACT676	audit-process-action-identifier	0072	K
AUDDAT675	audit-process-date	0082	FK
AUDTYP675	audit-process-type-code	0070	FK
CIIDEN695	configuration-item-product-identifier	0111	FK
CONIDN950	contract-document-identifier	0015	FK
ENTIDN002	enterprise-identifier	0052	FK
OFFSYM941	enterprise-office-name	0044	FK
ACTCOM676	process-action-comment-text	0066	
ACTDES676	audit-process-required-action-description-text	0065	M
ACTTTL676	process-action-item-title-name	0136	M

B.5.18.3. Table 677. Reserved.

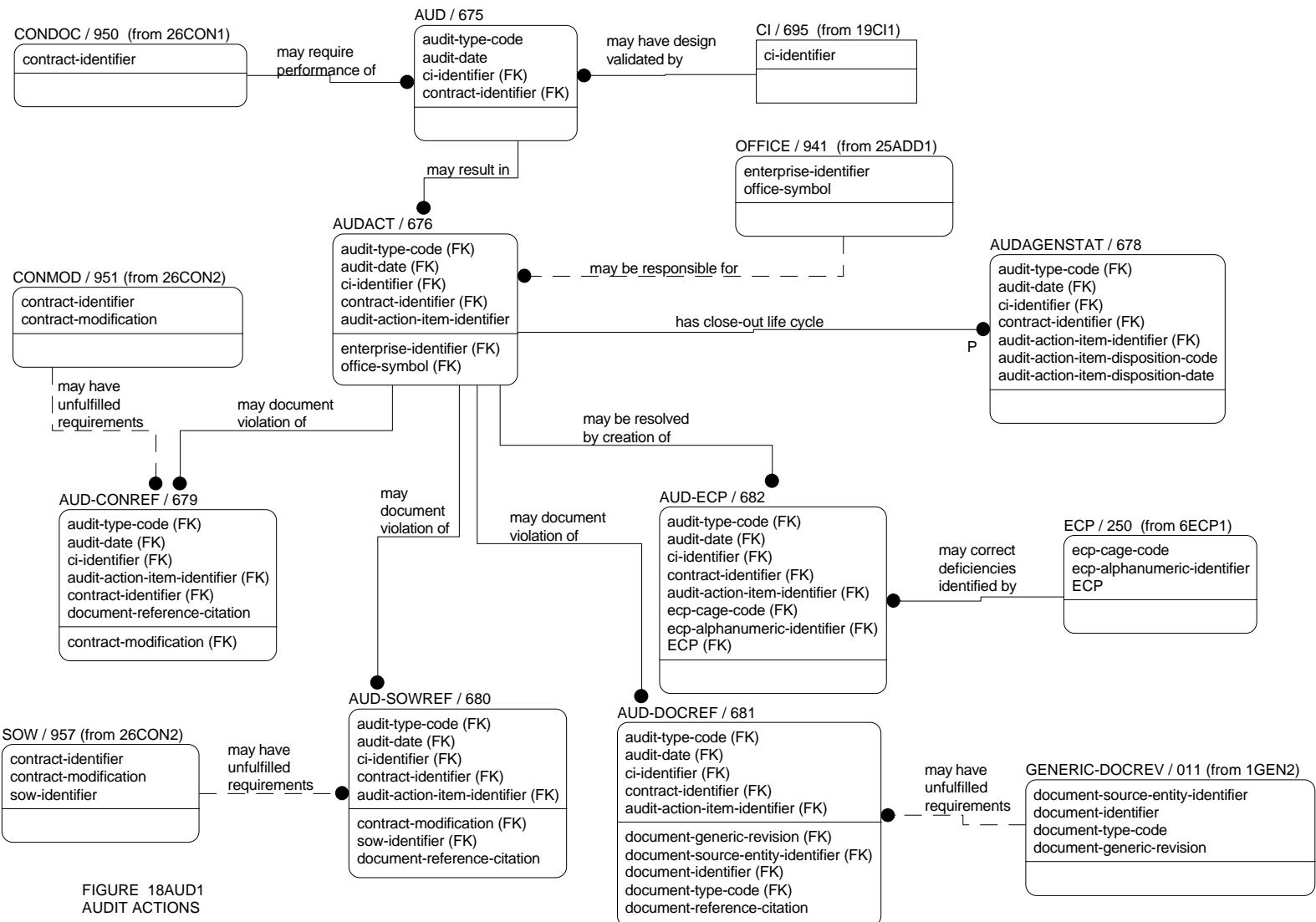


FIGURE 18AUD1
AUDIT ACTIONS

MIL-STD-2549
APPENDIX B

B.5.18.4. Table 678, Audit action subsidiary item status (AUDAGENSTAT). Each major audit action item may include more than one specific subsidiary action, with suspense dates, which will have to be accomplished to close out the action item. This table provides the status of each subsidiary action which results from a configuration management audit.

Code	Data Element Title	DED	Key
STACOD678	audit-process-action-item-disposition-status-code	0021	K
STADAT678	audit-process-action-item-disposition-status-date	0082	K
AUDACT676	audit-process-action-identifier	0072	FK
AUDDAT675	audit-process-date	0082	FK
AUDTYP675	audit-process-type-code	0070	FK
CIIDEN695	configuration-item-product-identifier	0111	FK
CONIDN950	contract-document-identifier	0015	FK
ACTCOM678	process-action-comment-text	0066	

B.5.18.5. Table 679, Correlation of audit actions to contract references (AUD-CONREF). This table allows correlation of audit action items to contract sections, paragraphs or other specific references which are the cause of the action item.

Code	Data Element Title	DED	Key
AUDACT676	audit-process-action-identifier	0072	FK
AUDDAT675	audit-process-date	0082	FK
AUDTYP675	audit-process-type-code	0070	FK
CIIDEN695	configuration-item-product-identifier	0111	FK
CONIDN950	contract-document-identifier	0015	FK
CONMOD951	contract-document-revision-identifier	0120	FK
DOCREF679	document-reference-citation-identifier	0075	M

B.5.18.6. Table 680, Correlation of audit actions to statement of work references (AUD-SOWREF). This table allows correlation of audit action items to contractually specified statement of work sections, paragraphs or other specific references which are the cause of the action item.

Code	Data Element Title	DED	Key
AUDACT676	audit-process-action-identifier	0072	FK
AUDDAT675	audit-process-date	0082	FK
AUDTYP675	audit-process-type-code	0070	FK
CIIDEN695	configuration-item-product-identifier	0111	FK
CONIDN950	contract-document-identifier	0015	FK
CONMOD951	contract-document-revision-identifier	0120	FK
SOWIDN957	work-statement-document-identifier	0229	FK

MIL-STD-2549
APPENDIX B

DOCREF680	document-reference-citation-identifier	0075	M
-----------	--	------	---

B.5.18.7. Table 681, Correlation of audit action items to document references (AUD-DOCREF). This table allows correlation of audit action items to sections, paragraphs, zones or other specific references in a drawing, program-unique specification, or other document which is the cause of the action item. Because these must be requirements documents, the value of document-type-code (DOCTYP010) inherited from Table 011 cannot be 'DOCSUP', 'MODINST', 'MODREQ', 'PLNPROC', 'REPORT', or 'TM'.

Code	Data Element Title	DED	Key
AUDACT676	audit-process-action-identifier	0072	FK
AUDDAT675	audit-process-date	0082	FK
AUDTYP675	audit-process-type-code	0070	FK
CIIDEN695	configuration-item-product-identifier	0111	FK
CONIDN950	contract-document-identifier	0015	FK
DOCIDN010	document-identifier	0122	FK
DOCREV011	document-generic-revision-identifier	0243	FK
DOCTYP010	document-type-code	0004	FK
SRCIDN010	document-source-entity-identifier	0033	FK
DOCREF681	document-reference-citation-identifier	0075	M

B.5.18.8. Table 682, Correlation of audit action items to corrective action ECPs (AUD-ECP). This table allows correlation of audit action items to the ECP(s) which are created to resolve the action item.

Code	Data Element Title	DED	Key
AUDACT676	audit-process-action-identifier	0072	FK
AUDDAT675	audit-process-date	0082	FK
AUDTYP675	audit-process-type-code	0070	FK
CIIDEN695	configuration-item-product-identifier	0111	FK
CONIDN950	contract-document-identifier	0015	FK
ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK

B.5.18.9. Tables 683 through 689. Reserved.

MIL-STD-2549
APPENDIX B

B.5.19. Configuration Items and Configuration Control Boards. Entity tables numbered in the range of 690 through 709 contain the identification of configuration items by designation and name as well as associated attributes. They also contain the identification of Configuration Control Boards (CCBs), CCB directives and related information. The relationships between the CI and CCB entity tables are depicted in Figures 19CI1 and 19CI2.

B.5.19.1. Table 690, Configuration item nomenclature (CINOMEN). This table contains the approved configuration item nomenclatures.

- a. The attributes part-product-name (PARNAM209) inherited from Table 209 and configuration-item-product-designation-identifier (CIDESG693) inherited from Table 693 are concatenated and assume the role configuration-item-product-nomenclature-text (CINOMN690). (See Appendix C for concatenation order.)

Code	Data Element Title	DED	Key
CINOMN690	configuration-item-product-nomenclature-text	0047	FK

B.5.19.2. Table 691, System/Program name (SYSTEM-PROGRAM). This table contains the program, project, or system name which identifies a collection of resources and assets bound by a common objective, for example, HARM, Patriot, F-22, etc.

Code	Data Element Title	DED	Key
PROGNM691	program-name	0059	K

B.5.19.3. Table 692, Correlation of system/programs to the CIs which are used by them (PROGRAM-CI). This table correlates the system or program name to the nomenclature of the configuration item(s) which are used by them, and vice versa.

Code	Data Element Title	DED	Key
CIIDEN695	configuration-item-product-identifier	0111	FK
PROGNM691	program-name	0059	FK

B.5.19.4. Table 693, CI designator (CI-DESG). This table contains assigned CI designations.

- a. If the value of the configuration-item-product-designation-standard-code (CISTND693) is '1812', '196', '787', or 'MAV', then the relationship between this table and Table 690 must be 1:1.

Code	Data Element Title	DED	Key
CIDESG693	configuration-item-product-designation-identifier	0045	K
CISTND693	configuration-item-designation--convention-document-code	0051	M

B-271

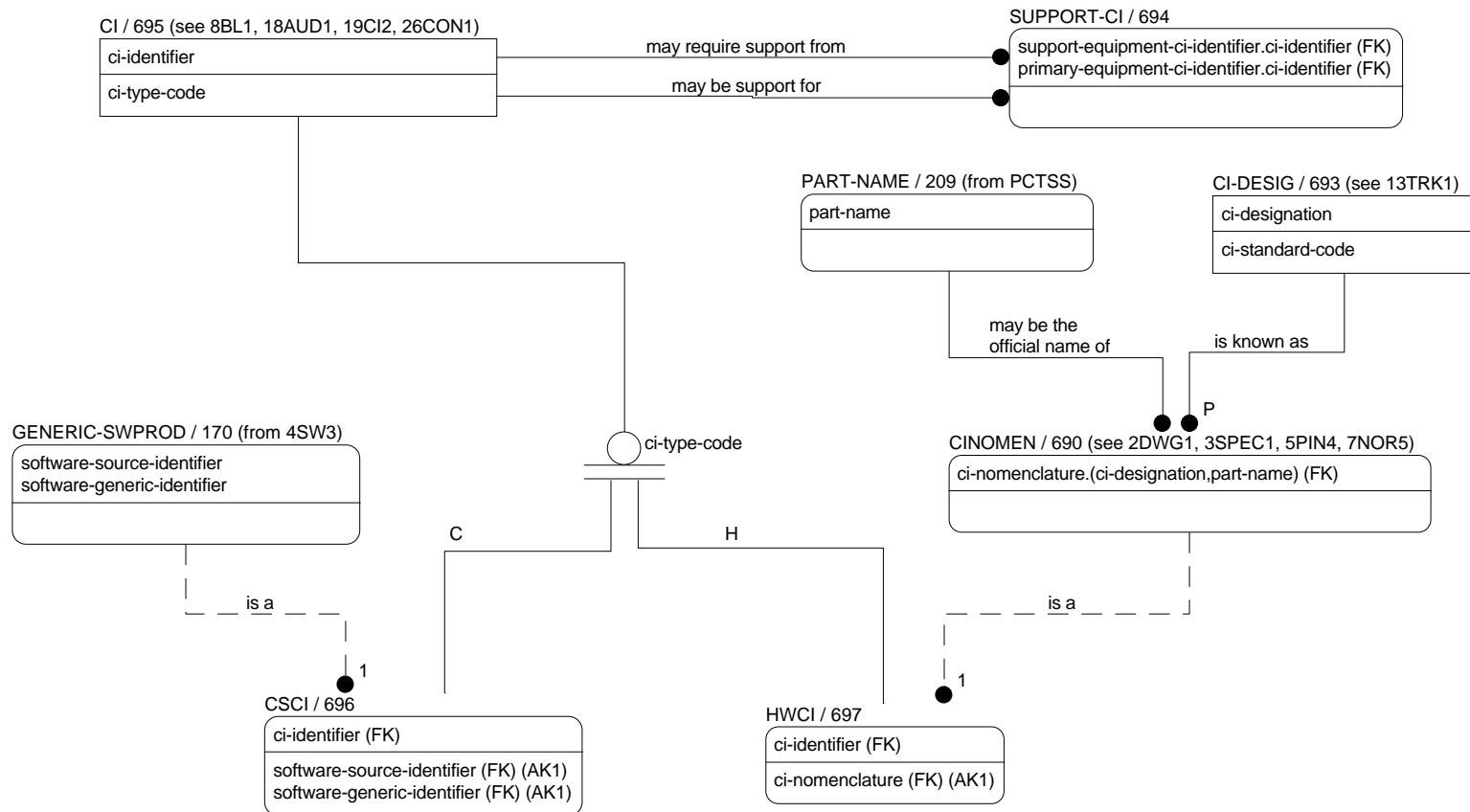


FIGURE 19CI1
CONFIGURATION ITEM

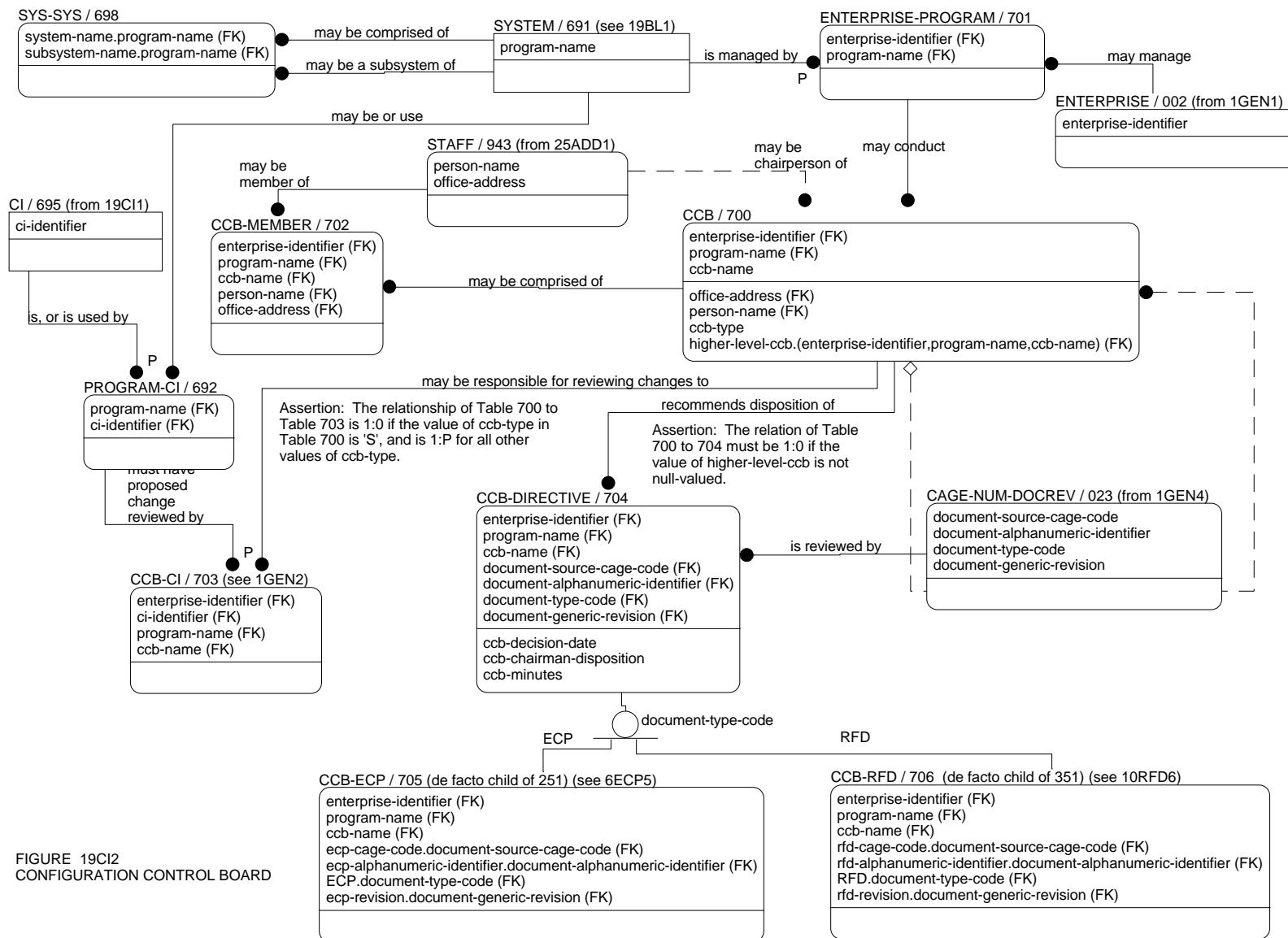


FIGURE 19CI2
CONFIGURATION CONTROL BOARD

MIL-STD-2549
APPENDIX B

B.5.19.5. Table 694, Correlation of primary and support equipment CIs (SUPPORT-CI). This table correlates primary equipment CIs (for example, a missile or aircraft) with support equipment CIs (for example, a test program set [TPS], special inspection equipment [SIE], or program-unique aerospace ground equipment [AGE]).

- a. Attribute configuration-item-product-identifier (CIIDEN695) inherited from Table 695 assumes the role primary-equipment-configuration-item-product-identifier (PCIIDN694).
- b. Attribute configuration-item-product-identifier (CIIDEN695) inherited from Table 695 assumes the role support-equipment-configuration-item-product-identifier (SCIIDN694).

Code	Data Element Title	DED	Key
PCIIDN694	primary-equipment-configuration-item-product-identifier	0111	FK
SCIIDN694	support-equipment-configuration-item-product-identifier	0111	FK

B.5.19.6. Table 695, Configuration item identifiers (CI). This table is a super-type of CI identifiers which includes both hardware CI (HWCI) nomenclatures and computer software CI (CSCI) design CAGE code and identifiers.

Code	Data Element Title	DED	Key
CIIDEN695	configuration-item-product-identifier	0111	K
CITYPE695	configuration-item-product-type-code	0115	M

B.5.19.7. Table 696, CSCI identifiers (CSCI). This table is a subtype of Table CI/695 consisting of those CIs which are computer software CIs (CSCIs). The concatenated value of software-product-source-entity-identifier (SWSORC170), and software-product-identifier (SWIDEN170) inherited from Table 170 is the CSCI identifier, and therefore, must be the same as the value of configuration-item-product-identifier (CIIDEN695) for each instance in this table.

Code	Data Element Title	DED	Key
CIIDEN695	configuration-item-product-identifier	0111	FK
SWIDEN170	software-product-generic-identifier	0060	FK, AK1
SWSORC170	software-product-source-entity-identifier	0033	FK, AK1

B.5.19.8. Table 697, HWCI identifiers (HWCI). This table is a subtype of Table CI/695 consisting of those CIs which are hardware CIs (HWCIs). The value of the configuration-item-product-nomenclature-text (CINOMN690) inherited from Table 690 is the HWCI identifier, and therefore, must be the same as the value of configuration-item-product-identifier (CIIDEN695) for each instance in this table.

Code	Data Element Title	DED	Key
CIIDEN695	configuration-item-product-identifier	0111	FK
CINOMN690	configuration-item-product-nomenclature-text	0047	FK, AK1

MIL-STD-2549
APPENDIX B

B.5.19.9. Table 698, System hierarchy (SYS-SYS). This table contains the hierarchy of systems and subsystems.

- a. Attribute program-name (PROGNM691) inherited from Table 691 assumes the role program-subsystem-name (SUBNAM698).
- b. Attribute program-name (PROGNM691) inherited from Table 691 assumes the role program-system-name (SYSNAM698).

Code	Data Element Title	DED	Key
SUBNAM698	program-subsystem-name	0059	FK
SYSNAM698	program-system-name	0059	FK

B.5.19.10. Table 699. Reserved.

B.5.19.11. Table 700, Configuration Control Board Identification (CCB). This table identifies configuration control boards (sometimes referred to as configuration change boards or change control boards). CCBs have responsibility for approving or disapproving the recommended changes to documents which are part of the baseline for a specific system and/or configuration item under their control. If the CCB is the current document change authority (CDCA) for the document, it has the final decision as to the disposition of the proposed change. If the CCB is not the CDCA for the document, then it can recommend a disposition to the CDCA CCB, and it can decide whether or not to continue use of the document in its baseline, but it cannot direct that the document be changed. CCBs are often multi-level in responsibility, by area of responsibility (for example, a systems CCB is higher level than a hardware CCB or software CCB for the same system) within a program (project or system) in an enterprise. A CCB is always responsible for either a system, one or more CIs, or both.

- a. The combination of the human-name (PERNAM943) and the enterprise-office-address-text (DIVADD942) fields identifies the CCB chairperson.
- b. The attributes program-configuration-control-board-name (CCBNAM700) inherited from Table 700, enterprise-identifier (ENTIDN002) inherited from Table 700, and program-name (PROGNM691) inherited from Table 700 are concatenated and assume the role program-higher-level-configuration-control-board-text (TOPCCB700). (See Appendix C for concatenation order.)

Code	Data Element Title	DED	Key
CCBNAM700	program-configuration-control-board-name	0151	K
ENTIDN002	enterprise-identifier	0052	FK
PROGNM691	program-name	0059	FK
DIVADD942	enterprise-office-address-text	0081	FK
PERNAM943	human-name	0069	FK
TOPCCB700	program-higher-level-configuration-control-board-text	0089	FK, O
CCBTYP700	program-configuration-control-board-type-code	0173	M

MIL-STD-2549
APPENDIX B

B.5.19.12. Table 701, Project identification by enterprise (ENTERPRISE-PROGRAM). This table identifies the different programs (projects or systems) for which a particular enterprise has an interest in the requirements and/or design.

Code	Data Element Title	DED	Key
ENTIDN002	enterprise-identifier	0052	FK
PROGNM691	program-name	0059	FK

B.5.19.13. Table 702, CCB Membership (CCB-MEMBER). This table identifies the members of a specific CCB.

Code	Data Element Title	DED	Key
CCBNAM700	program-configuration-control-board-name	0151	FK
DIVADD942	enterprise-office-address-text	0081	FK
ENTIDN002	enterprise-identifier	0052	FK
PERNAM943	human-name	0069	FK
PROGNM691	program-name	0059	FK
RESPON702	human-responsibility-description-text	0154	

B.5.19.14. Table 703, CCB area of responsibility (CCB-CI). This table identifies the Configuration Item(s) for which the CCB has cognizance. Note that the CCB cognizance may be as the current document change authority (CDCA), or as an application activity (AA).

Code	Data Element Title	DED	Key
CCBNAM700	program-configuration-control-board-name	0151	FK
CIIDEN695	configuration-item-product-identifier	0111	FK
ENTIDN002	enterprise-identifier	0052	FK
PROGNM691	program-name	0059	FK

B.5.19.15. Table 704, Results of CCB (CCB-DIRECTIVE). This identifies the results of the CCB review/disposition of each document brought to the CCB.

- a. The value of document-type-code (DOCTYP010) must be either 'ECP' or 'RFD'.

Code	Data Element Title	DED	Key
CCBNAM700	program-configuration-control-board-name	0151	FK
DOCNUM020	document-alphanumeric-identifier	0003	FK
DOCREV011	document-generic-revision-identifier	0243	FK
DOCTYP010	document-type-code	0004	FK
ENTIDN002	enterprise-identifier	0052	FK

MIL-STD-2549
APPENDIX B

PROGNM691	program-name	0059	FK
SRCCAG022	document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
CCBDAT704	program-configuration-control-board-decision-date	0082	M
CCBMIN704	program-configuration-control-board-discussion-text	0168	
CCBSTA704	document-change-process-program-configuration-control-board-chairman-disposition-status-code	0021	M

B.5.19.16. Table 705, CCB Disposition of ECPs (CCB-ECP). This table is the subset of CCB Directives (subtype of Table 704) which pertain to the disposition of ECPs. Due to parallel categorization, this table is a de facto child of Table 251.

- a. Because this table is a de facto child of Table 251, document-source-enterprise-defense-logistics--assigned-identification-code (SRCCAG022) inherited from Table 704 is really a engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code (ECPCAG250) existing in Table 251. Therefore, SRCCAG022 assumes the identity ECPCAG250.
- b. Because this table is a de facto child of Table 251, document-alphanumeric-identifier (DOCNUM020) inherited from Table 704 is really a engineering-change-proposal-document-alphanumeric-identifier (ECPNUM250) existing in Table 251. Therefore, DOCNUM020 assumes the identity ECPNUM250.
- c. Because this table is a de facto child of Table 251, document-generic-revision-identifier (DOCREV011) inherited from Table 704 is really a engineering-change-proposal-document-alphanumeric-revision-identifier (ECPREV251) existing in Table 251. Therefore, DOCREV011 assumes the identity ECPREV251.
- d. Because this table is a de facto child of Table 251, document-type-code (DOCTYP010) inherited from Table 704 is really a engineering-change-proposal-document-type-code (ECPTYP250) existing in Table 251. Therefore, DOCTYP010 assumes the identity ECPTYP250.

Code	Data Element Title	DED	Key
CCBNAM700	program-configuration-control-board-name	0151	FK
ECPCAG250	engineering-change-proposal-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
ECPNUM250	engineering-change-proposal-document-alphanumeric-identifier	0003	FK
ECPREV251	engineering-change-proposal-document-alphanumeric-revision-identifier	0009	FK
ECPTYP250	engineering-change-proposal-document-type-code	0004	FK
ENTIDN002	enterprise-identifier	0052	FK
PROGNM691	program-name	0059	FK

B.5.19.17. Table 706, CCB Disposition of RFDs (CCB-RFD). This table is the subset of CCB Directives (subtype of Table 704) which pertain to the disposition of RFDs. Due to parallel categorization, this table is a de facto child of Table 351.

MIL-STD-2549
APPENDIX B

- a. Because this table is a de facto child of Table 351, document-source-enterprise-defense-logistics--assigned-identification-code (SRCCAG022) inherited from Table 704 is really a deviation-request-document-source-enterprise-defense-logistics--assigned-identification-code (RFDCAG350) existing in Table 351. Therefore, SRCCAG022 assumes the identity RFDCAG350.
- b. Because this table is a de facto child of Table 351, document-alphanumeric-identifier (DOCNUM020) inherited from Table 704 is really a deviation-request-document-alphanumeric-identifier (RFDNUM350) existing in Table 351. Therefore, DOCNUM020 assumes the identity RFDNUM350.
- c. Because this table is a de facto child of Table 351, document-generic-revision-identifier (DOCREV011) inherited from Table 704 is really a deviation-request-document-alphanumeric-revision-identifier (RFDREV351) existing in Table 351. Therefore, DOCREV011 assumes the identity RFDREV351.
- d. Because this table is a de facto child of Table 351, document-type-code (DOCTYP010) inherited from Table 704 is really a deviation-request-document-type-code (RFDTYP350) existing in Table 351. Therefore, DOCTYP010 assumes the identity RFDTYP350.

Code	Data Element Title	DED	Key
CCBNAM700	program-configuration-control-board-name	0151	FK
ENTIDN002	enterprise-identifier	0052	FK
PROGNM691	program-name	0059	FK
RFDCAG350	deviation-request-document-source-enterprise-defense-logistics--assigned-identification-code	0001	FK
RFDNUM350	deviation-request-document-alphanumeric-identifier	0003	FK
RFDREV351	deviation-request-document-alphanumeric-revision-identifier	0009	FK
RFDTYP350	deviation-request-document-type-code	0004	FK

B.5.19.18. Tables 707 through 799. Reserved.

MIL-STD-2549
APPENDIX B

B.5.20. Document representations and release/approval cycles. Entity tables numbered in the range of 800 through 849 contain the identification of document representations, their release cycle and the associations with document revisions. The relationships between the document representation entity tables are depicted in Figures 21REP1 through 21REP3.

B.5.20.1. Table 800, Document representation definition (DOCREP). This table contains the unique identification of each representation of a document.

Code	Data Element Title	DED	Key
REPIDN800	document-representation-identifier	0207	K
DOCIDN010	document-identifier	0122	FK
DOCTYP010	document-type-code	0004	FK
SRCIDN010	document-source-entity-identifier	0033	FK

B.5.20.2. Table 801, Document representation revision definition (DOCREPREV). This table contains the unique identification of each revision to each representation of a document revision.

- a. Attribute entity-identifier (ENTYID000) inherited from Table 000 assumes the role document-representation-revision-originator-entity-identifier (REPORG801).

Code	Data Element Title	DED	Key
REPREV801	document-representation-revision-identifier	0208	K
DOCIDN010	document-identifier	0122	FK
DOCTYP010	document-type-code	0004	FK
REPIDN800	document-representation-identifier	0207	FK
SRCIDN010	document-source-entity-identifier	0033	FK
DOCREV011	document-generic-revision-identifier	0243	FK
REPORG801	document-representation-revision-originator-entity-identifier	0033	FK
REPDAT801	document-representation-creation-date	0082	M

B.5.20.3. Table 802, Correlation of document representation revisions and their associated files (REPREV-FILE). This table correlates a specific revision of a document representation with the file(s) with which it is composed.

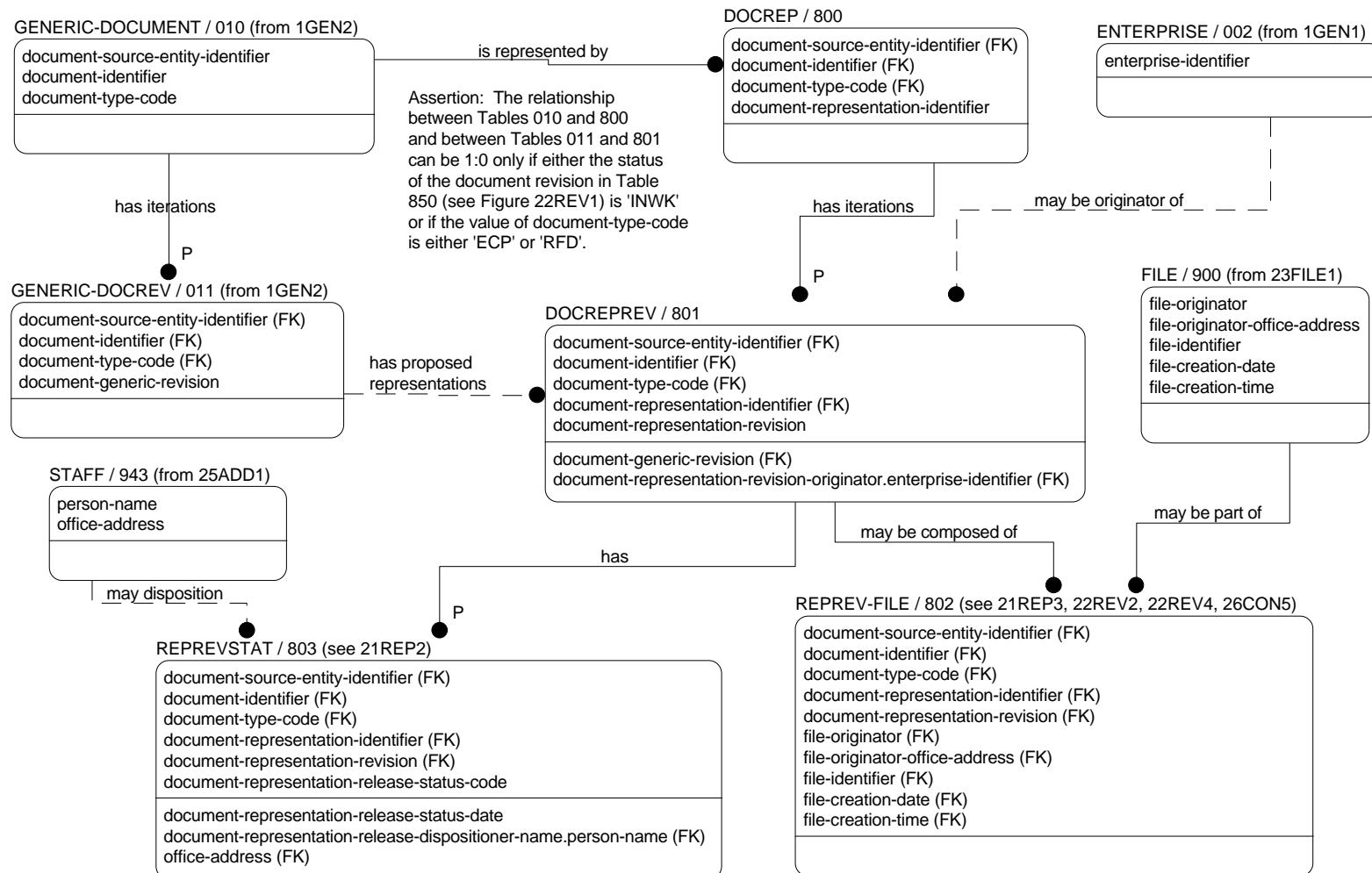


FIGURE 21REP1
DOCUMENT REPRESENTATION RELEASE STATUS (Part 1 of 2)

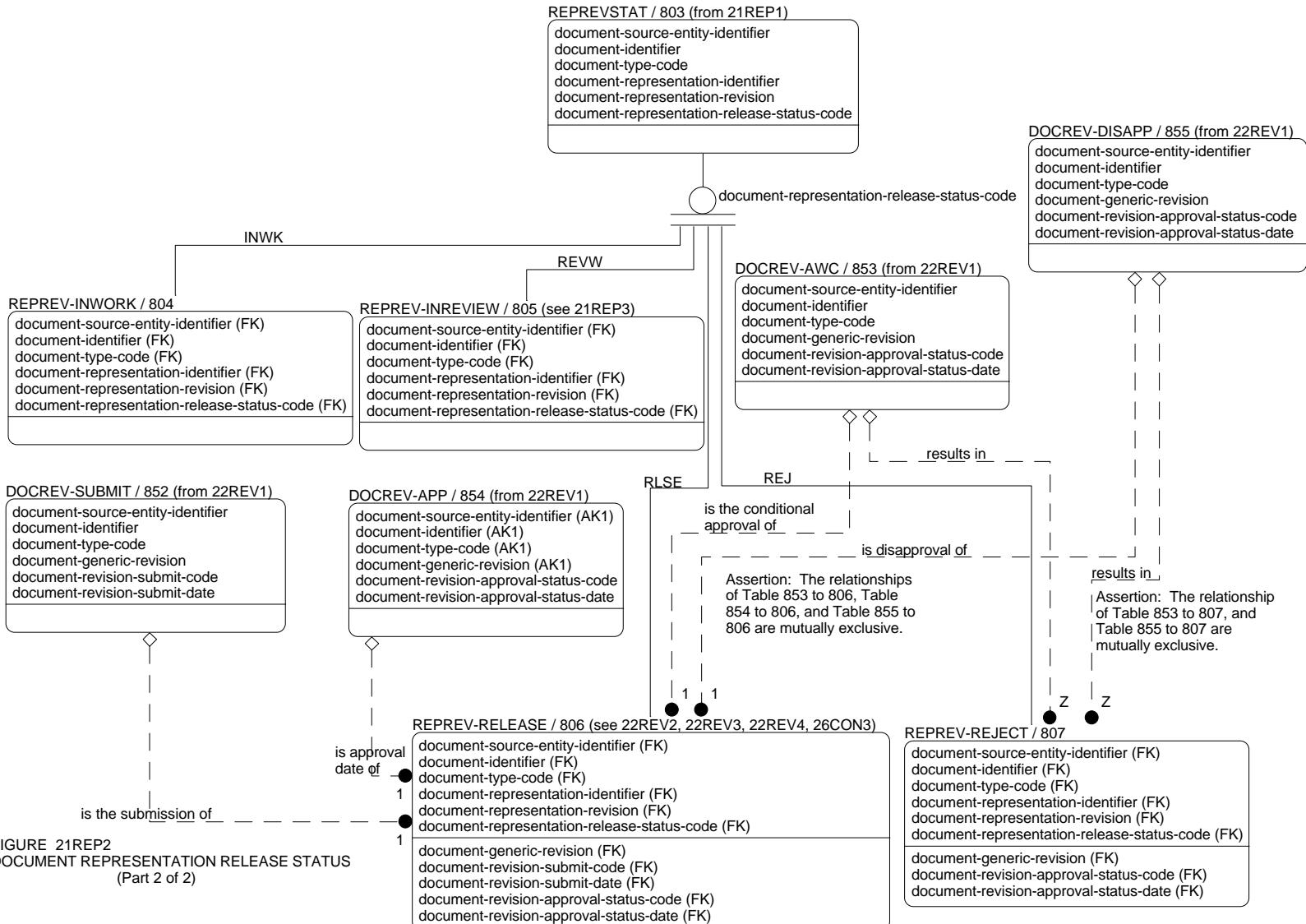


FIGURE 21REP2
DOCUMENT REPRESENTATION RELEASE STATUS
(Part 2 of 2)

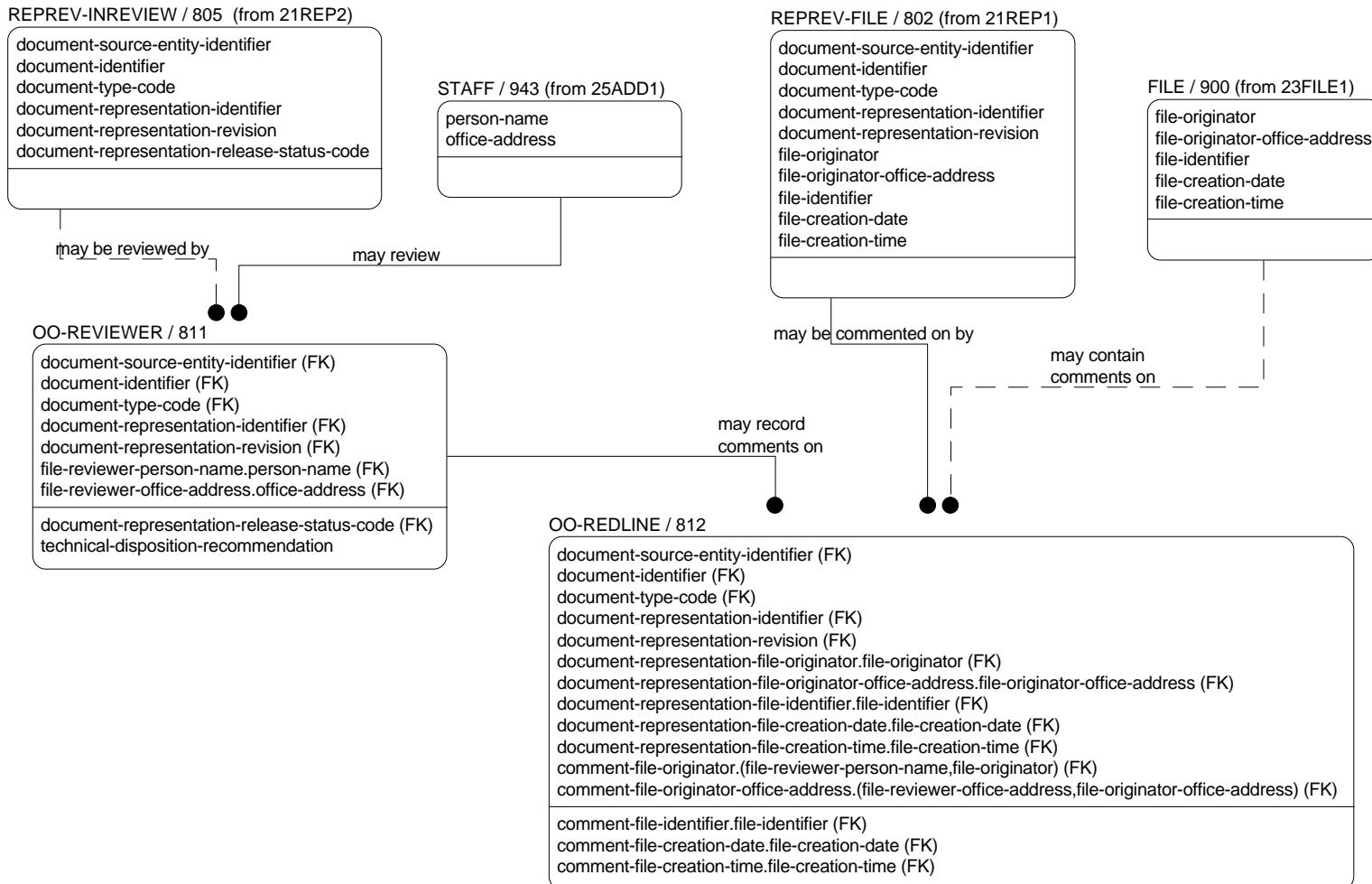


FIGURE 21REP3
DOCUMENT REPRESENTATION ORIGINATING ORGANIZATION REVIEW

MIL-STD-2549
APPENDIX B

Code	Data Element Title	DED	Key
DOCIDN010	document-identifier	0122	FK
DOCTYP010	document-type-code	0004	FK
FILADD900	enterprise-file-origination-office-address-text	0081	FK
FILDAT900	electronic-document-file-creation-date	0082	FK
FILIDN900	electronic-document-file-identifier	0206	FK
FILORG900	file-originator-human-name	0069	FK
FILTIM900	electronic-document-file-creation-time	0160	FK
REPIDN800	document-representation-identifier	0207	FK
REPREV801	document-representation-revision-identifier	0208	FK
SRCIDN010	document-source-entity-identifier	0033	FK

B.5.20.4. Table 803, Release status of a document representation revision (REPREVSTAT). This table contains the release status of the document representation revision by the creator (current change control activity) of the document representation.

- a. If the value of document-representation-release-process-disposition-status-code (REPSTA803) is any value other than in-work ('INWK'), then the value of document-representation-release-process-dispositioner-human-name (DISPNM803) must be nonblank.
- b. If the value of document-representation-release-process-disposition-status-code (REPSTA803) is release ('RLSE') or reject ('REJ'), then the value of document-representation-release-process-next-status-suspense-date (NSTATD803) must be blank.
- c. Attribute human-name (PERNAM943) inherited from Table 943 assumes the role document-representation-release-process-dispositioner-human-name (DISPNM803).

Code	Data Element Title	DED	Key
REPSTA803	document-representation-release-process-disposition-status-code	0021	K
DOCIDN010	document-identifier	0122	FK
DOCTYP010	document-type-code	0004	FK
REPIDN800	document-representation-identifier	0207	FK
REPREV801	document-representation-revision-identifier	0208	FK
SRCIDN010	document-source-entity-identifier	0033	FK
DISPNM803	document-representation-release-process-dispositioner-human-name	0069	FK
DIVADD942	enterprise-office-address-text	0081	FK
NSTATD803	document-representation-release-process-next-status-suspense-date	0082	
RELDAT803	document-representation-release-process-disposition-status-date	0082	M

MIL-STD-2549
APPENDIX B

B.5.20.5. Table 804, Document representations with a release status of 'in-work' (REPREV-INWORK). This table is a subtype of Table REPREVSTAT/803. It contains the subset of the contents of Table 803 consisting only of those document representations which are in the release status of in-work ('INWK') by the originator of the document representation. This is the default status for newly created document representations.

Code	Data Element Title	DED	Key
DOCIDN010	document-identifier	0122	FK
DOCTYP010	document-type-code	0004	FK
REPIDN800	document-representation-identifier	0207	FK
REPREV801	document-representation-revision-identifier	0208	FK
REPSTA803	document-representation-release-process-disposition-status-code	0021	FK
SRCIDN010	document-source-entity-identifier	0033	FK

B.5.20.6. Table 805, Document representation(s) with a release status of 'in-review' (REPREV-INREVIEW). This table is a subtype of Table REPREVSTAT/803. It contains the subset of the contents of Table 803 consisting only of those document representations which are in the release status of in-review ('REVVW') by the originator of the document representation.

Code	Data Element Title	DED	Key
DOCIDN010	document-identifier	0122	FK
DOCTYP010	document-type-code	0004	FK
REPIDN800	document-representation-identifier	0207	FK
REPREV801	document-representation-revision-identifier	0208	FK
REPSTA803	document-representation-release-process-disposition-status-code	0021	FK
SRCIDN010	document-source-entity-identifier	0033	FK

B.5.20.7. Table 806, Document representation(s) with a release status of 'release' (REPREV-RELEASE). This table is a subtype of Table REPREVSTAT/803. It contains the subset of the contents of Table 803 consisting only of those document representations which are in the release status of released ('RLSE') by the originator of the document representation.

Code	Data Element Title	DED	Key
DOCIDN010	document-identifier	0122	FK
DOCTYP010	document-type-code	0004	FK
REPIDN800	document-representation-identifier	0207	FK
REPREV801	document-representation-revision-identifier	0208	FK
REPSTA803	document-representation-release-process-disposition-status-code	0021	FK
SRCIDN010	document-source-entity-identifier	0033	FK
DOCREV011	document-generic-revision-identifier	0243	FK, O

MIL-STD-2549
APPENDIX B

REVSTA850	document-revision-approval-process-disposition-status-code	0021	FK
STADAT850	document-revision-approval-process-disposition-status-date	0082	FK
SUBDAT852	document-revision-approval-process-submission-date	0082	FK, O
SUBSTA852	document-revision-approval-process-submission-disposition-status-code	0021	FK, O
RELLIM806	document-representation-release-limitations-text	0217	
RELTYT806	document-representation-release-type-code	0216	M

B.5.20.8. Table 807, Document representation(s) with a release status of 'reject' (REPREV-REJECT). This table is a subtype of Table REPREVSTAT/803, It contains the subset of the contents of Table 803 consisting only of those document representations which are in the release status of reject ('REJ') by the originator of the document representation.

Code	Data Element Title	DED	Key
DOCIDN010	document-identifier	0122	FK
DOCTYP010	document-type-code	0004	FK
REPIDN800	document-representation-identifier	0207	FK
REPREV801	document-representation-revision-identifier	0208	FK
REPSTA803	document-representation-release-process-disposition-status-code	0021	FK
SRCIDN010	document-source-entity-identifier	0033	FK
DOCREV011	document-generic-revision-identifier	0243	FK, O
REVSTA850	document-revision-approval-process-disposition-status-code	0021	FK
STADAT850	document-revision-approval-process-disposition-status-date	0082	FK, O

B.5.20.9. Tables 808 through 810. Reserved.

B.5.20.10. Table 811, Document representation originating activity reviewers (REPREV-OOREVIEWER). This table contains the names of the originating organization reviewer(s) who have been provided access to the document representation revision for review as part of the release process.

- a. The values of disposition-process-technical-recommendation-date (TECHDT811) and document-representation-release-process-technical-recommended-disposition-status-code (TECHCD811) must both be blank, or both be non-blank.
- b. Attribute enterprise-office-address-text (DIVADD942) inherited from Table 943 assumes the role enterprise-file-review-office-address-text (FREVAD811).
- c. Attribute human-name (PERNAM943) inherited from Table 943 assumes the role file-reviewer-human-name (FREVNM811).

MIL-STD-2549
APPENDIX B

Code	Data Element Title	DED	Key
DOCIDN010	document-identifier	0122	FK
DOCTYP010	document-type-code	0004	FK
FREVAD811	enterprise-file-review-office-address-text	0081	FK
FREVNFM811	file-reviewer-human-name	0069	FK
REPIDN800	document-representation-identifier	0207	FK
REPREV801	document-representation-revision-identifier	0208	FK
SRCIDN010	document-source-entity-identifier	0033	FK
REPSTA803	document-representation-release-process-disposition-status-code	0021	FK
TECHCD811	document-representation-release-process-technical-recommended-disposition-status-code	0021	
TECHDT811	disposition-process-technical-recommendation-completion-date	0082	

B.5.20.11. Table 812, Originating organization reviewer comments on a document representation (REPREV-OOREDLINE). This table contains the identification of the file(s) containing comments or redline annotations to the document representation revision being reviewed as part of the release process by the originating organization. These files are cross-referenced to, but separate and distinct from, the original files being reviewed.

- a. For each instance in this table, the same value of document-revision-identifier (DOCREV011) must be in all parent instances; that is, the same instance must be reached through the inheritance path Table 812 -> Table 802 -> Table 801, and the path Table 812 -> Table 811 -> Table 805 -> Table 803 -> Table 801.
- b. The value of enterprise-file-review-office-address-text (FREVAD811) inherited from Table 811 and the value of enterprise-file-origination-office-address-text (FILADD900) inherited from Table 900 must be the same. Therefore, they merge into the identity enterprise-comment-file-origination-office-address-text (CFILAD812).
- c. Attribute electronic-document-file-creation-date (FILDAT900) inherited from Table 900 assumes the role electronic-document-comment-file-creation-date (CFILDT812).
- d. Attribute electronic-document-file-identifier (FILIDN900) inherited from Table 900 assumes the role electronic-document-comment-file-identifier (CFILID812).
- e. The value of file-reviewer-human-name (FREVNFM811) inherited from Table 811 and the value of file-originator-human-name (FILORG900) inherited from Table 900 must be the same. Therefore, they merge into the identity comment-file-originator-human-name (CFILOR812).
- f. Attribute electronic-document-file-creation-time (FILTIM900) inherited from Table 900 assumes the role electronic-document-comment-file-creation-date (CFILTM812).
- g. Attribute enterprise-file-origination-office-address-text (FILADD900) inherited from Table 802 assumes the role enterprise-document-file-origination-office-address-text (RFILAD812).

MIL-STD-2549
APPENDIX B

- h. Attribute electronic-document-file-creation-date (FILDAT900) inherited from Table 802 assumes the role electronic-document-representation-file-creation-date (RFILDT812).
- i. Attribute electronic-document-file-identifier (FILIDN900) inherited from Table 802 assumes the role electronic-document-representation-file-identifier (RFILID812).
- j. Attribute file-originator-human-name (FILORG900) inherited from Table 802 assumes the role document-file-originator-human-name (RFILOR812).
- k. Attribute electronic-document-file-creation-time (FILTIM900) inherited from Table 802 assumes the role electronic-document-representation-file-creation-date (RFILTM812).

Code	Data Element Title	DED	Key
CFILAD812	enterprise-comment-file-origination-office-address-text	0081	FK
CFILOR812	comment-file-originator-human-name	0069	FK
DOCIDN010	document-identifier	0122	FK
DOCTYP010	document-type-code	0004	FK
REPIDN800	document-representation-identifier	0207	FK
REPREV801	document-representation-revision-identifier	0208	FK
RFILAD812	enterprise-document-file-origination-office-address-text	0081	FK
RFILDT812	electronic-document-representation-file-creation-date	0082	FK
RFILID812	electronic-document-representation-file-identifier	0206	FK
RFILOR812	document-file-originator-human-name	0069	FK
RFILTM812	electronic-document-representation-file-creation-date	0082	FK
SRCIDN010	document-source-entity-identifier	0033	FK
CFILDT812	electronic-document-comment-file-creation-date	0082	FK
CFILID812	electronic-document-comment-file-identifier	0206	FK, O
CFILTM812	electronic-document-comment-file-creation-date	0082	FK

B.5.20.12. Tables 813 through 849. Reserved.

MIL-STD-2549
APPENDIX B

B.5.21. Document revisions and approval cycles. Entity tables numbered in the range of 850 through 899 contain the approval cycle of generic document revisions, including the initial issue (the no-change revision). The relationships between the document revision entity tables are depicted in Figures 22REV1 through 22REV4. There are two major areas depicted in this series of tables.

- a. Those tables in the range of 850 through 859 address the approval activities of the current document change authority (CDCA) for the specific document. The CDCA must be specified in Table 010; it is the organization or Configuration Control Board which has the sole authority to decide whether or not to approve a change to the document and to direct the incorporation of the change into the document. The CDCA is responsible for the informational content of the document; it owns the intellectual property contained in the document. Each document has only one CDCA at any point in time, however, the CDCA may be changed at any time by agreement of the current CDCA and the new CDCA. An example of this would be the change in CDCA as a result of a PCA and consequent establishment of a tasking activity baseline.⁷
- b. Those tables in the range of 860 through 869 address the adoption activities of an application activity (AA). An application activity is any enterprise which uses a document in a manner such that they have a vested interest in the changes occurring to that document.⁸ For example, if an Army Missile Command (MICOM) program office adopts the use of a Naval Aviation Command (NAVAIR) drawing by including it in the MICOM program product baseline, MICOM is an application activity for the drawing. Each document may have any number of AAs at any time. Although normally referred to as approval, the AA can really only adopt (or reject) the document because, unlike the CDCA, the AA cannot direct that a change be incorporated into the document; the document is not controlled by them. The AA can, and should, review proposed changes before they are approved and make a recommendation to the CDCA; however, the CDCA does not have to consider the AA recommendation. If the AA disagrees with a decision made by the CDCA, the AA's only recourse is to cease using the document and to create a new document which meets their needs.
- c. Those tables in the series 870 through 899 are not currently used.
- d. Because the relationship of the release of the document representation and the approval/adoption of the document revision are so complex and closely entwined, IDEF3 process diagrams are included at the end of this section. Figure B-1 is an explanation of the symbols used in the diagrams and Figures B-2 through B-7 depict the most common scenarios.

B.5.21.1. Table 850, Document revision approval status (DOCREVSTAT). This table contains the document revision approval status by the document-current-change-control-authority-entity-identifier (CCCENT010) as shown in Table 010.

- a. Attribute human-name (PERNAM943) inherited from Table 943 assumes the role document-revision-approval-process-dispositioner-human-name (PERNAM850).

⁷ The CDCA may be a tasking activity, performing activity, or both. The example is only an example and is not meant to imply that the CDCA must change as the result of the establishment of a tasking activity PBL. It is very possible for the Tasking Activity to be an Application Activity while the Performing Activity is the CDCA.

⁸ An AA can be a Tasking Activity, a Performing Activity, or both.

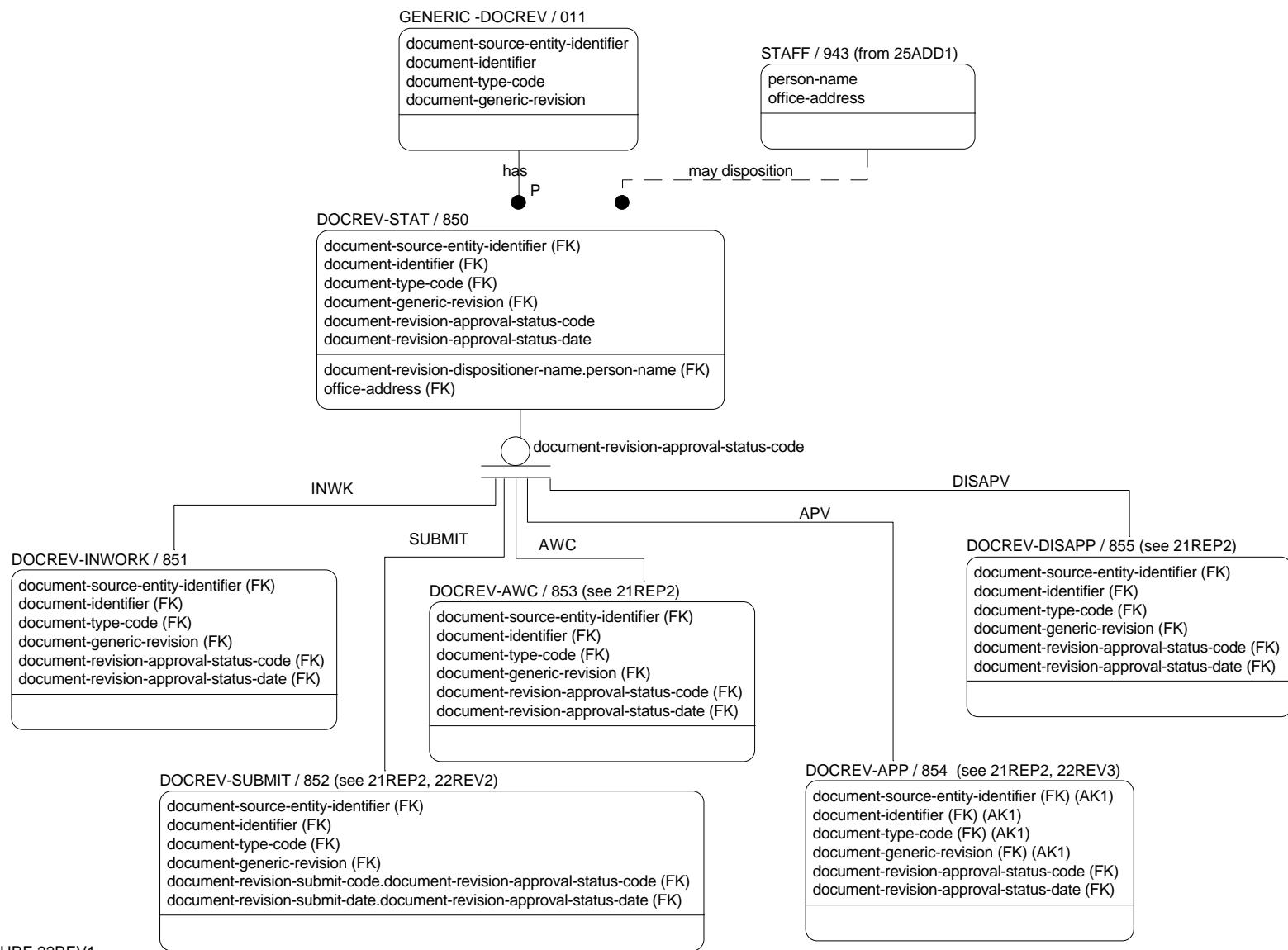


FIGURE 22REV1
DOCUMENT REVISION CDCA APPROVAL STATUS

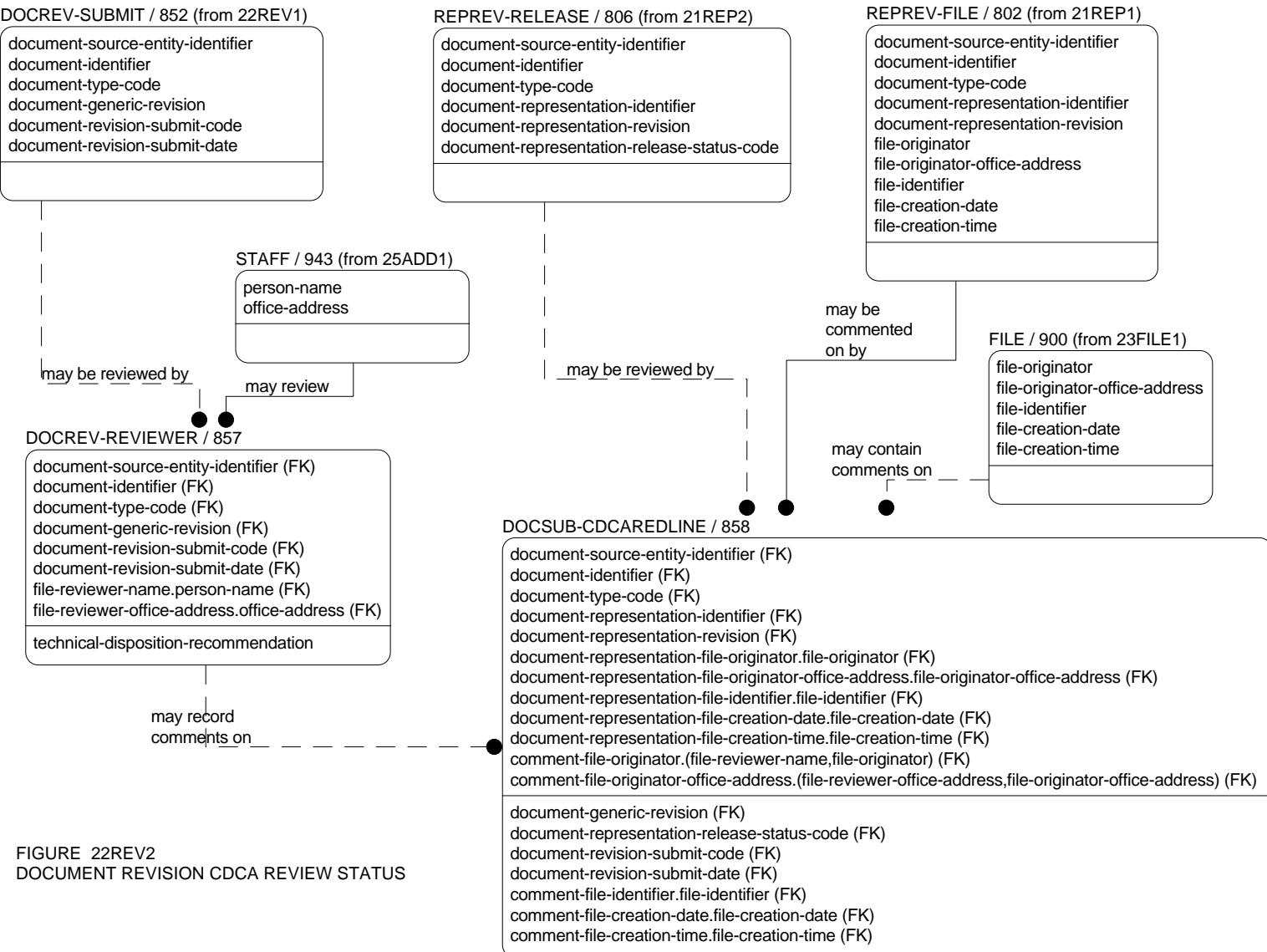
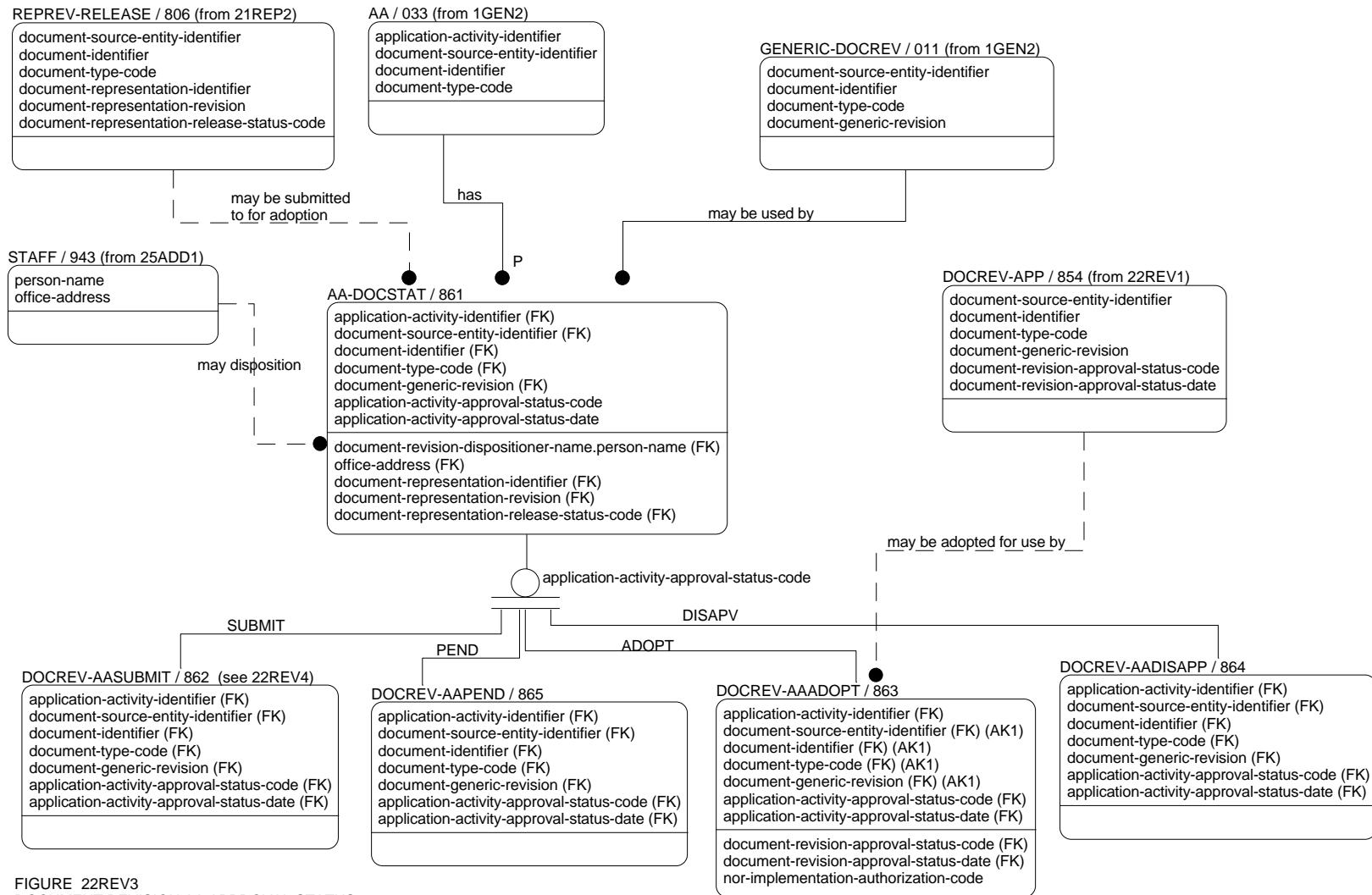


FIGURE 22REV2
DOCUMENT REVISION CDCA REVIEW STATUS



**FIGURE 22REV3
DOCUMENT REVISION AA APPROVAL STATUS**

B-291

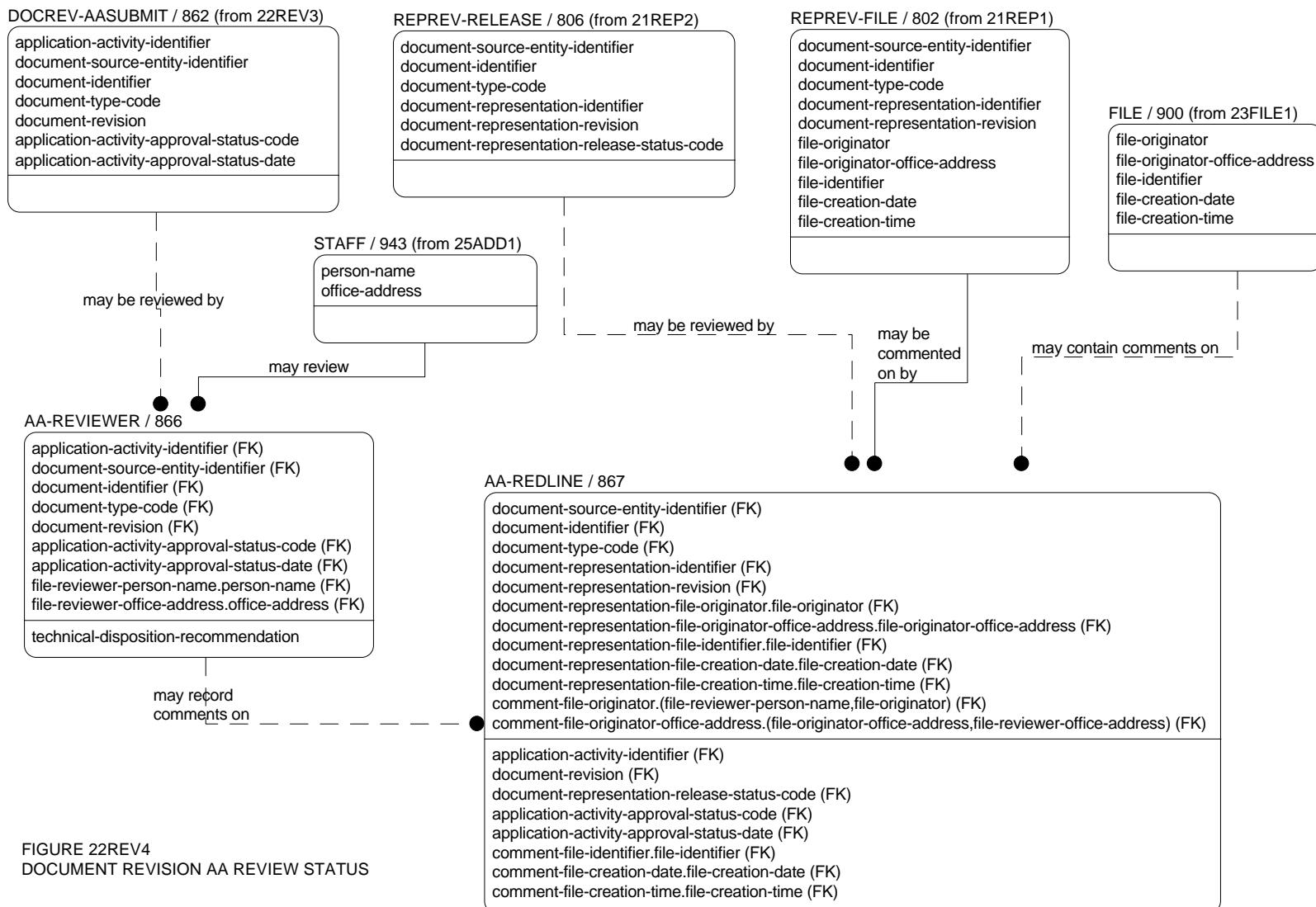


FIGURE 22REV4
DOCUMENT REVISION AA REVIEW STATUS

MIL-STD-2549
APPENDIX B

Code	Data Element Title	DED	Key
REVSTA850	document-revision-approval-process-disposition-status-code	0021	K
STADAT850	document-revision-approval-process-disposition-status-date	0082	K
DOCIDN010	document-identifier	0122	FK
DOCREV011	document-generic-revision-identifier	0243	FK
DOCTYP010	document-type-code	0004	FK
SRCIDN010	document-source-entity-identifier	0033	FK
DIVADD942	enterprise-office-address-text	0081	FK
PERNAM850	document-revision-approval-process-dispositioner-human-name	0069	FK, O
NXSTDT850	document-revision-approval-process-next-status-suspense-date	0082	M

B.5.21.2. Table 851, Document revisions in the approval process with a status of 'In-Work' (DOCREV-INWORK). This table is a subtype of DOCREVSTAT/850. It contains the subset of the contents of Table 850 consisting of those document revisions which have reached the status of in-work ('INWK'). This is the default status for new document revisions.

Code	Data Element Title	DED	Key
DOCIDN010	document-identifier	0122	FK
DOCREV011	document-generic-revision-identifier	0243	FK
DOCTYP010	document-type-code	0004	FK
REVSTA850	document-revision-approval-process-disposition-status-code	0021	FK
SRCIDN010	document-source-entity-identifier	0033	FK
STADAT850	document-revision-approval-process-disposition-status-date	0082	FK

B.5.21.3. Table 852, Document revisions in the approval process with a status of 'SUBMIT' (DOCREV-SUBMIT). This table is a subtype of Table DOCREVSTAT/850. It contains the subset of the contents of Table 850 consisting of those document revisions which have reached the status of submit ('SUBMIT'), indicating that one representation of the document revision has been submitted to the current document change authority (CDCA) for consideration for approval.

- a. Attribute document-revision-approval-process-disposition-status-date (STADAT850) inherited from Table 850 assumes the role document-revision-approval-process-submission-date (SUBDAT852).
- b. Attribute document-revision-approval-process-disposition-status-code (REVSTA850) inherited from Table 850 assumes the role document-revision-approval-process-submission-disposition-status-code (SUBSTA852).

Code	Data Element Title	DED	Key
DOCIDN010	document-identifier	0122	FK
DOCREV011	document-generic-revision-identifier	0243	FK

MIL-STD-2549
APPENDIX B

DOCTYP010	document-type-code	0004	FK
SRCIDN010	document-source-entity-identifier	0033	FK
SUBDAT852	document-revision-approval-process-submission-date	0082	FK
SUBSTA852	document-revision-approval-process-submission-disposition-status-code	0021	FK

B.5.21.4. Table 853, Document revisions with an approval process status of 'AWC' (DOCREV-AWC). This table is a subtype of Table DOCREVSTAT/850 which contains the subset of the contents of Table 850 consisting of those document revisions which have reached the status of approved with comment ('AWC') by the CDCA as shown in Table 010. (Note: this is synonymous with 'conditional approval'.)

Code	Data Element Title	DED	Key
DOCIDN010	document-identifier	0122	FK
DOCREV011	document-generic-revision-identifier	0243	FK
DOCTYP010	document-type-code	0004	FK
REVSTA850	document-revision-approval-process-disposition-status-code	0021	FK
SRCIDN010	document-source-entity-identifier	0033	FK
STADAT850	document-revision-approval-process-disposition-status-date	0082	FK

B.5.21.5. Table 854, Document revisions with the approval process status of 'APPROVED' (DOCREV-APP). This table is a subtype of Table DOCREVSTAT/850. It contains a subset of the contents of Table 850 consisting of those document revisions which have reached the status of approved ('APV') by the CDCA as shown in Table 010. Therefore, the value of document-revision-approval-process-disposition-status-code (REVSTA850) must be 'APV'.

Code	Data Element Title	DED	Key
DOCIDN010	document-identifier	0122	FK, AK1
DOCREV011	document-generic-revision-identifier	0243	FK, AK1
DOCTYP010	document-type-code	0004	FK, AK1
REVSTA850	document-revision-approval-process-disposition-status-code	0021	FK
SRCIDN010	document-source-entity-identifier	0033	FK, AK1
STADAT850	document-revision-approval-process-disposition-status-date	0082	FK

B.5.21.6. Table 855, Document revisions with the approval process status of 'DISAPPROVED' (DOCREV-DISAPP). This table is a subtype of Table DOCREVSTAT/850. It contains the subset of the contents of Table 850 consisting of those document revisions which have reached the status of disapproved ('DISAPV') by the CDCA as shown in Table 010.

Code	Data Element Title	DED	Key
DOCIDN010	document-identifier	0122	FK
DOCREV011	document-generic-revision-identifier	0243	FK
DOCTYP010	document-type-code	0004	FK

MIL-STD-2549
APPENDIX B

REVSTA850	document-revision-approval-process-disposition-status-code	0021	FK
STADAT850	document-revision-approval-process-disposition-status-date	0082	FK
SRCIDN010	document-source-entity-identifier	0033	FK

B.5.21.7. Table 856. Reserved.

B.5.21.8. Table 857, Reviewers in the document revision approval process (DOCREV-REVIEWER). This table contains the names of the CDCA reviewer(s) who have been provided access to the document representation revision for review as part of the approval process.

- a. The values of disposition-process-technical-recommendation-completion-date (TECHDT857) and document-approval-process-technical-recommended-disposition-status-code (TECHCD857) must both be blank, or both be nonblank.
- b. Attribute enterprise-office-address-text (DIVADD942) inherited from Table 943 assumes the role enterprise-file-review-office-address-text (FREVAD857).
- c. Attribute human-name (PERNAM943) inherited from Table 943 assumes the role file-reviewer-human-name (FREVNM857).

Code	Data Element Title	DED	Key
DOCIDN010	document-identifier	0122	FK
DOCREV011	document-generic-revision-identifier	0243	FK
DOCTYP010	document-type-code	0004	FK
FREVAD857	enterprise-file-review-office-address-text	0081	FK
FREVNM857	file-reviewer-human-name	0069	FK
SRCIDN010	document-source-entity-identifier	0033	FK
SUBDAT852	document-revision-approval-process-submission-date	0082	FK
SUBSTA852	document-revision-approval-process-submission-disposition-status-code	0021	FK
TECHCD857	document-approval-process-technical-recommended-disposition-status-code	0021	
TECHDT857	disposition-process-technical-recommendation-completion-date	0082	

B.5.21.9. Table 858, Current change control authority reviewer comments on submitted documents/document revisions (DOCSUB-CDCAREDLINE). This table contains the identification of the file(s) containing comments or redline annotations to the document representation revision being reviewed as part of the document revision approval process by the document-current-change-control-authority-entity-identifier (CCCENT010) as shown in Table 010. These files are cross-referenced to, but separate and distinct from, the original files being reviewed.

- a. The same value of document-revision-identifier must be in all inheritance paths; that is, the same value of document-revision-identifier must be reached through the path Table 802 to Table 801, and the path Table 858 to Table 857 to Table 856.

MIL-STD-2549
APPENDIX B

- b. The file reviewer is the originator of the comment file.
- c. The value of enterprise-file-review-office-address-text (FREVAD857) inherited from Table 857 and the value of enterprise-file-origination-office-address-text (FILADD900) inherited from Table 900 must be the same. Therefore, they merge into the identity enterprise-comment-file-origination-office-address-text (CFILAD858).
- d. Attribute electronic-document-file-creation-date (FILDAT900) inherited from Table 900 assumes the role electronic-document-comment-file-creation-date (CFILDT858).
- e. Attribute electronic-document-file-identifier (FILIDN900) inherited from Table 900 assumes the role electronic-document-comment-file-identifier (CFILID858).
- f. The value of file-reviewer-human-name (FREVNM857) inherited from Table 857 and the value of file-originator-human-name (FILORG900) inherited from Table 900 must be the same. Therefore, they merge into the identity comment-file-originator-human-name (CFILOR858).
- g. Attribute electronic-document-file-creation-time (FILTIM900) inherited from Table 900 assumes the role electronic-document-comment-file-creation-date (CFILTM858).
- h. Attribute enterprise-file-origination-office-address-text (FILADD900) inherited from Table 802 assumes the role enterprise-document-file-origination-office-address-text (RFILAD858).
- i. Attribute electronic-document-file-creation-date (FILDAT900) inherited from Table 802 assumes the role electronic-document-representation-file-creation-date (RFILDT858).
- j. Attribute electronic-document-file-identifier (FILIDN900) inherited from Table 802 assumes the role electronic-document-representation-file-identifier (RFILID858).
- k. Attribute file-originator-human-name (FILORG900) inherited from Table 802 assumes the role document-file-originator-human-name (RFILOR858).
- l. Attribute electronic-document-file-creation-time (FILTIM900) inherited from Table 802 assumes the role electronic-document-representation-file-creation-date (RFILTM858).

Code	Data Element Title	DED	Key
CFILAD858	enterprise-comment-file-origination-office-address-text	0081	FK
CFILOR858	comment-file-originator-human-name	0069	FK
DOCIDN010	document-identifier	0122	FK
DOCTYP010	document-type-code	0004	FK
REPIDN800	document-representation-identifier	0207	FK
REPREV801	document-representation-revision-identifier	0208	FK
RFILAD858	enterprise-document-file-origination-office-address-text	0081	FK
RFILDT858	electronic-document-representation-file-creation-date	0082	FK
RFILID858	electronic-document-representation-file-identifier	0206	FK
RFILOR858	document-file-originator-human-name	0069	FK
RFILTM858	electronic-document-representation-file-creation-date	0082	FK

MIL-STD-2549
APPENDIX B

SRCIDN010	document-source-entity-identifier	0033	FK
CFILDT858	electronic-document-comment-file-creation-date	0082	FK
CFILID858	electronic-document-comment-file-identifier	0206	FK
CFILTM858	electronic-document-comment-file-creation-date	0082	FK
DOCREV011	document-generic-revision-identifier	0243	FK
REPSTA803	document-representation-release-process-disposition-status-code	0021	FK
SUBDAT852	document-revision-approval-process-submission-date	0082	FK
SUBSTA852	document-revision-approval-process-submission-disposition-status-code	0021	FK

B.5.21.10. Tables 859 and 860. Reserved.

B.5.21.11. Table 861, Application activity document revision approval process status (DOCREV-AASTAT). This table contains the document revision approval status by the application activity.

- a. If the value of document-revision-application-activity-approval-process-disposition-status-code (AREVST861) is adopted ('ADOPT') or disapproved ('DISAPV'), then the document-revision-approval-process-next-status-suspense-date (NSTATD856) must be blank.
- b. The values of human-name (PERNAM039) and enterprise-division-address-text (DIVADD038) inherited from Table 039 identify the person who puts the document revision in the status indicated in document-revision-application-activity-approval-process-disposition-action-status-code (AREVST861).

Code	Data Element Title	DED	Key
AREVDT861	document-revision-application-activity-approval-process-disposition-status-date	0082	K
AREVST861	document-revision-application-activity-approval-process-disposition-status-code	0021	K
APPACT033	application-activity-enterprise-division-identifier	0228	FK
DOCIDN010	document-identifier	0122	FK
DOCREV011	document-generic-revision-identifier	0243	FK
DOCTYP010	document-type-code	0004	FK
SRCIDN010	document-source-entity-identifier	0033	FK
DIVADD942	enterprise-office-address-text	0081	FK
PERNAM943	human-name	0069	FK
REPIDN800	document-representation-identifier	0207	FK
REPREV801	document-representation-revision-identifier	0208	FK
REPSTA803	document-representation-release-process-disposition-status-code	0021	FK
NSTATD861	document-revision-approval-process-next-status-suspense-date	0082	

MIL-STD-2549
APPENDIX B

B.5.21.12. Table 862, Document revisions with an application activity approval process status of 'SUBMIT' (DOCREV-AASUBMIT). This table is a subtype of Table DOCREV-AASTAT/861 which contains the subset of the contents of Table 861 consisting of those document revisions which have reached the status of submit ('SUBMIT'), indicating that one representation of the document revision has been submitted to the document application activity for consideration for adoption.

Code	Data Element Title	DED	Key
APPACT033	application-activity-enterprise-division-identifier	0228	FK
AREVDT861	document-revision-application-activity-approval-process-disposition-status-date	0082	FK
AREVST861	document-revision-application-activity-approval-process-disposition-status-code	0021	FK
DOCIDN010	document-identifier	0122	FK
DOCREV011	document-generic-revision-identifier	0243	FK
DOCTYP010	document-type-code	0004	FK
SRCIDN010	document-source-entity-identifier	0033	FK

B.5.21.13. Table 863, Document revisions with an application activity approval process status of 'ADOPT' (DOCREV-AAAPP). This table is a subtype of Table DOCREV-AASTAT/861. It contains the subset of the contents of Table 861 consisting of those document revisions which have reached the status of adopted ('ADOPT') by the document application activity.

- a. The revision-notice-document-implementation-authorization-code (IMPCOD863) must be blank unless the value of document-type-code (DOCTYP010) is 'NOR', in which case, the value must be nonblank. This field indicates the decision by the Application Activity in its role as a tasking activity as to whether or not its performing activities may use the NOR prior to incorporation of the NOR into the document (see also, Table 309).

Code	Data Element Title	DED	Key
APPACT033	application-activity-enterprise-division-identifier	0228	FK
AREVDT861	document-revision-application-activity-approval-process-disposition-status-date	0082	FK
AREVST861	document-revision-application-activity-approval-process-disposition-status-code	0021	FK
DOCIDN010	document-identifier	0122	FK, AK1
DOCREV011	document-generic-revision-identifier	0243	FK, AK1
DOCTYP010	document-type-code	0004	FK, AK1
SRCIDN010	document-source-entity-identifier	0033	FK, AK1
REVSTA850	document-revision-approval-process-disposition-status-code	0021	FK
STADAT850	document-revision-approval-process-disposition-status-date	0082	FK
IMPCOD863	revision-notice-document-implementation-authorization-code	0176	

B.5.21.14. Table 864, Document revisions with an application activity approval process status of 'DISAPPROVED' (DOCREV-AADISAPP). This table is a subtype of Table DOCREV-AASTAT/861. It contains

MIL-STD-2549
APPENDIX B

the subset of the contents of Table 861 consisting of those document revisions which have reached the status of disapproved ('DISAPV') by the document application activity.

Code	Data Element Title	DED	Key
APPACT033	application-activity-enterprise-division-identifier	0228	FK
AREVDT861	document-revision-application-activity-approval-process-disposition-status-date	0082	FK
AREVST861	document-revision-application-activity-approval-process-disposition-status-code	0021	FK
DOCIDN010	document-identifier	0122	FK
DOCREV011	document-generic-revision-identifier	0243	FK
DOCTYP010	document-type-code	0004	FK
SRCIDN010	document-source-entity-identifier	0033	FK

B.5.21.15. Table 865, Document revisions with an application activity approval process status of 'PENDING' (DOCREV-AAPEND). This table is a subtype of Table DOCREV-AASTAT/861. It contains the subset of the contents of Table 861 consisting of those document revisions which have reached the status of pending ('PEND') by the document application activity. This status means that the application activity has completed its review of the document, made a recommendation to the CDCA, and is awaiting the decision of the CDCA as to the disposition of the proposed change.

Code	Data Element Title	DED	Key
APPACT033	application-activity-enterprise-division-identifier	0228	FK
AREVDT861	document-revision-application-activity-approval-process-disposition-status-date	0082	FK
AREVST861	document-revision-application-activity-approval-process-disposition-status-code	0021	FK
DOCIDN010	document-identifier	0122	FK
DOCREV011	document-generic-revision-identifier	0243	FK
DOCTYP010	document-type-code	0004	FK
SRCIDN010	document-source-entity-identifier	0033	FK

B.5.21.16. Table 866, Reviewers of document revisions in the application activity approval process (AADOCSSUB-AAREVIEWER). This table contains the names of the document application activity reviewer(s) who have been provided access to the document representation revision for review as part of the application activity approval process.

- a. The values of disposition-process-technical-recommendation-completion-date (TECHDT866) and document-approval-process-technical-recommended-disposition-status-code (TECHCD866) must both be blank, or both be non-blank.
- b. Attribute enterprise-office-address-text (DIVADD942) inherited from Table 943 assumes the role enterprise-file-review-office-address-text (FREVAD866).

MIL-STD-2549
APPENDIX B

- c. Attribute human-name (PERNAM943) inherited from Table 943 assumes the role file-reviewer-human-name (FREVNM866).

Code	Data Element Title	DED	Key
APPACT033	application-activity-enterprise-division-identifier	0228	FK
AREVDT861	document-revision-application-activity-approval-process-disposition-status-date	0082	FK
AREVST861	document-revision-application-activity-approval-process-disposition-status-code	0021	FK
DOCIDN010	document-identifier	0122	FK
DOCREV011	document-generic-revision-identifier	0243	FK
DOCTYP010	document-type-code	0004	FK
FREVAD866	enterprise-file-review-office-address-text	0081	FK
FREVNM866	file-reviewer-human-name	0069	FK
SRCIDN010	document-source-entity-identifier	0033	FK
TECHCD866	document-approval-process-technical-recommended-disposition-status-code	0021	
TECHDT866	disposition-process-technical-recommendation-completion-date	0082	

B.5.21.17. Table 867, Application activity reviewer comments on an application activity submitted document revision (AADOCSSUB-AAREDLINE). This table contains the identification of the file(s) containing comments or redline annotations to the document representation revision being reviewed as part of the document revision approval process by the document application activity. These files are cross-referenced to, but separate and distinct from, the original files being reviewed.

- a. The same value of document-revision-identifier must be in all inheritance paths; that is, the same value of document-revision-identifier must be reached through the path Table 867 to Table 802 to Table 801, and the path Table 867 to Table 866 to Table 865.
- b. The file reviewer is the originator of the comment file.
- c. The value of enterprise-file-review-office-address-text (FREVAD866) inherited from Table 866 and the value of enterprise-file-origination-office-address-text (FILADD900) inherited from Table 900 must be the same. Therefore, they merge into the identity enterprise-comment-file-origination-office-address-text (CFILAD867).
- d. Attribute electronic-document-file-creation-date (FIELDAT900) inherited from Table 900 assumes the role electronic-document-comment-file-creation-date (CFILDT867).
- e. Attribute electronic-document-file-identifier (FILIDN900) inherited from Table 900 assumes the role electronic-document-comment-file-identifier (CFILID867).
- f. The value of file-reviewer-human-name (FREVNM866) inherited from Table 866 and the value of file-originator-human-name (FILORG900) inherited from Table 900 must be the same. Therefore, they merge into the identity comment-file-originator-human-name (CFILOR867).

MIL-STD-2549
APPENDIX B

- g. Attribute electronic-document-file-creation-time (FILTIM900) inherited from Table 900 assumes the role electronic-document-comment-file-creation-date (CFILTM867).
- h. Attribute enterprise-file-origination-office-address-text (FILADD900) inherited from Table 802 assumes the role enterprise-document-file-origination-office-address-text (RFILAD867).
- i. Attribute electronic-document-file-creation-date (FIELDAT900) inherited from Table 802 assumes the role electronic-document-representation-file-creation-date (RFILDT867).
- j. Attribute electronic-document-file-identifier (FILIDN900) inherited from Table 802 assumes the role electronic-document-representation-file-identifier (RFILID867).
- k. Attribute file-originator-human-name (FILORG900) inherited from Table 802 assumes the role document-file-originator-human-name (RFILOR867).
- l. Attribute electronic-document-file-creation-time (FILTIM900) inherited from Table 802 assumes the role electronic-document-representation-file-creation-date (RFILTM867).

Code	Data Element Title	DED	Key
CFILAD867	enterprise-comment-file-origination-office-address-text	0081	FK
CFILOR867	comment-file-originator-human-name	0069	FK
DOCIDN010	document-identifier	0122	FK
DOCTYP010	document-type-code	0004	FK
REPIDN800	document-representation-identifier	0207	FK
REPREV801	document-representation-revision-identifier	0208	FK
RFILAD867	enterprise-document-file-origination-office-address-text	0081	FK
RFILDT867	electronic-document-representation-file-creation-date	0082	FK
RFILID867	electronic-document-representation-file-identifier	0206	FK
RFILOR867	document-file-originator-human-name	0069	FK
RFILTM867	electronic-document-representation-file-creation-date	0082	FK
SRCIDN010	document-source-entity-identifier	0033	FK
APPACT033	application-activity-enterprise-division-identifier	0228	FK
AREVDT861	document-revision-application-activity-approval-process-disposition-status-date	0082	FK
AREVST861	document-revision-application-activity-approval-process-disposition-status-code	0021	FK
CFILDT867	electronic-document-comment-file-creation-date	0082	FK
CFILID867	electronic-document-comment-file-identifier	0206	FK
CFILTM867	electronic-document-comment-file-creation-date	0082	FK
DOCREV011	document-generic-revision-identifier	0243	FK
REPSTA803	document-representation-release-process-disposition-status-code	0021	FK

B.5.21.18. Tables 868 through 899. Reserved.

MIL-STD-2549
APPENDIX B

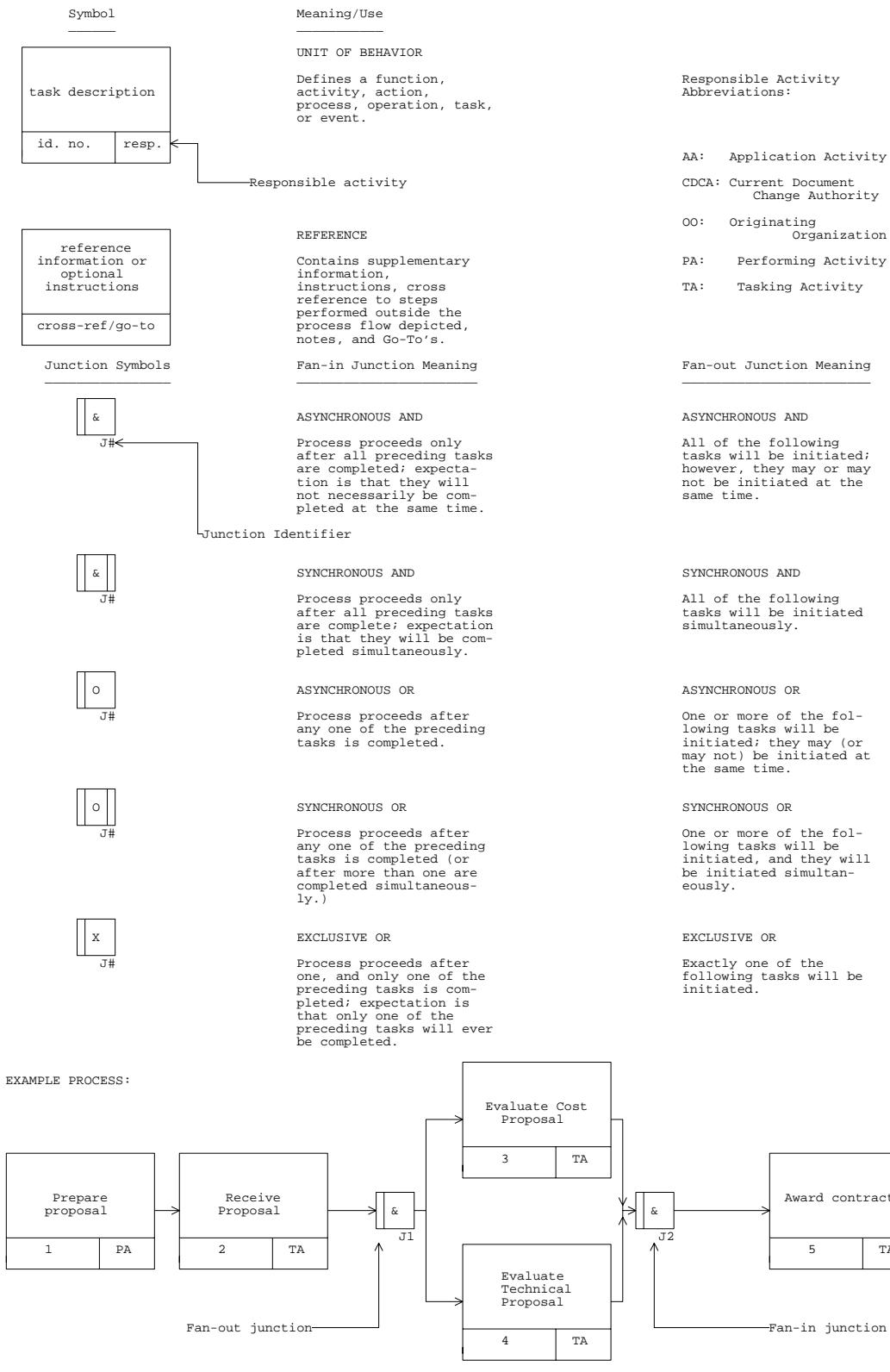


FIGURE B-1: IDEF3 Notation

B-302

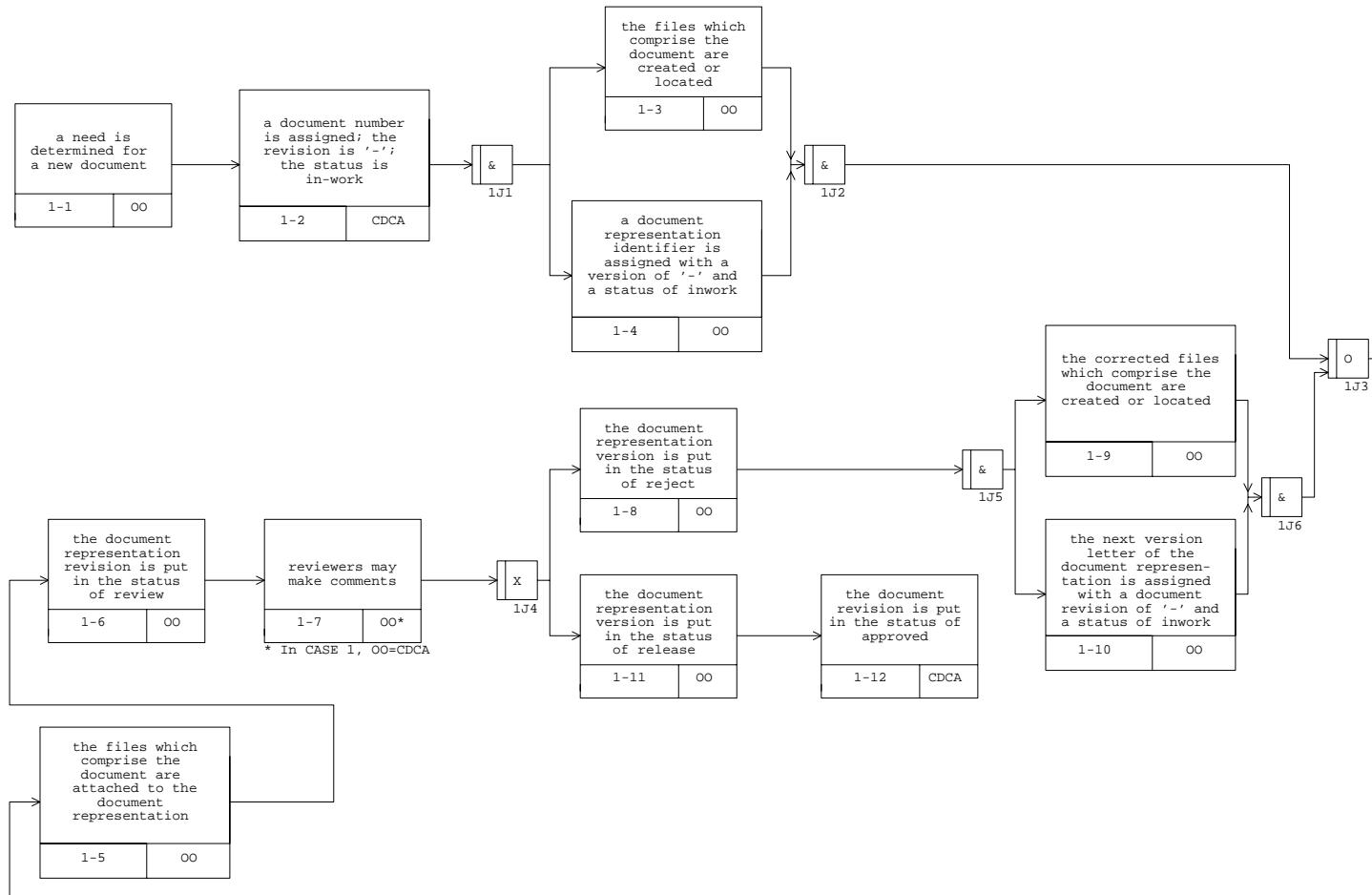


FIGURE B-2: DOCUMENT RELEASE/APPROVAL CASE 1.

An enterprise creates a new document. (The enterprise is both the CDCA and the document representation originator. There are no other activities involved.)

B-303

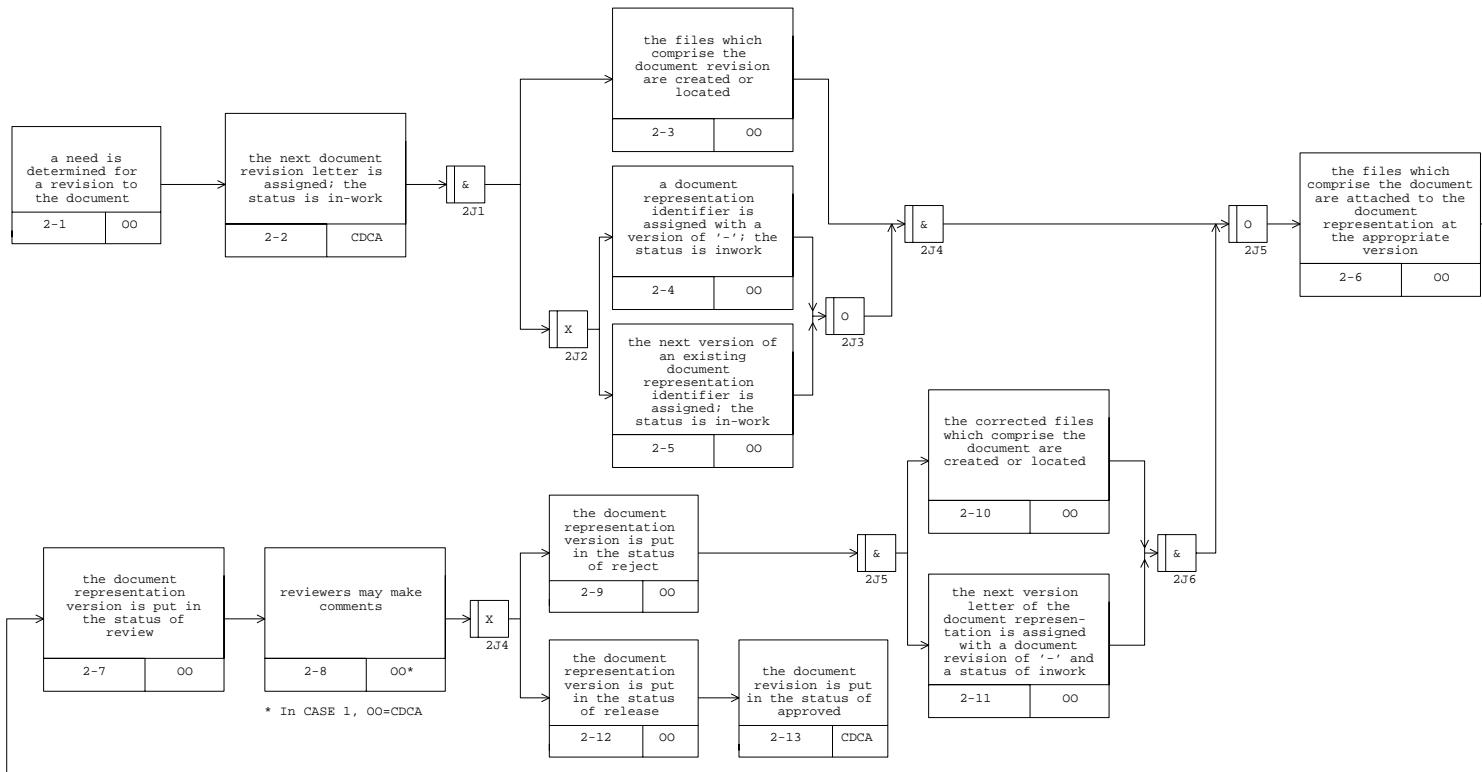


FIGURE B-3: DOCUMENT RELEASE/APPROVAL CASE 2.

An enterprise decides to revise an existing document for which they are the CDCA. (The enterprise is both the CDCA and the document representation originator. There are no other activities involved.)

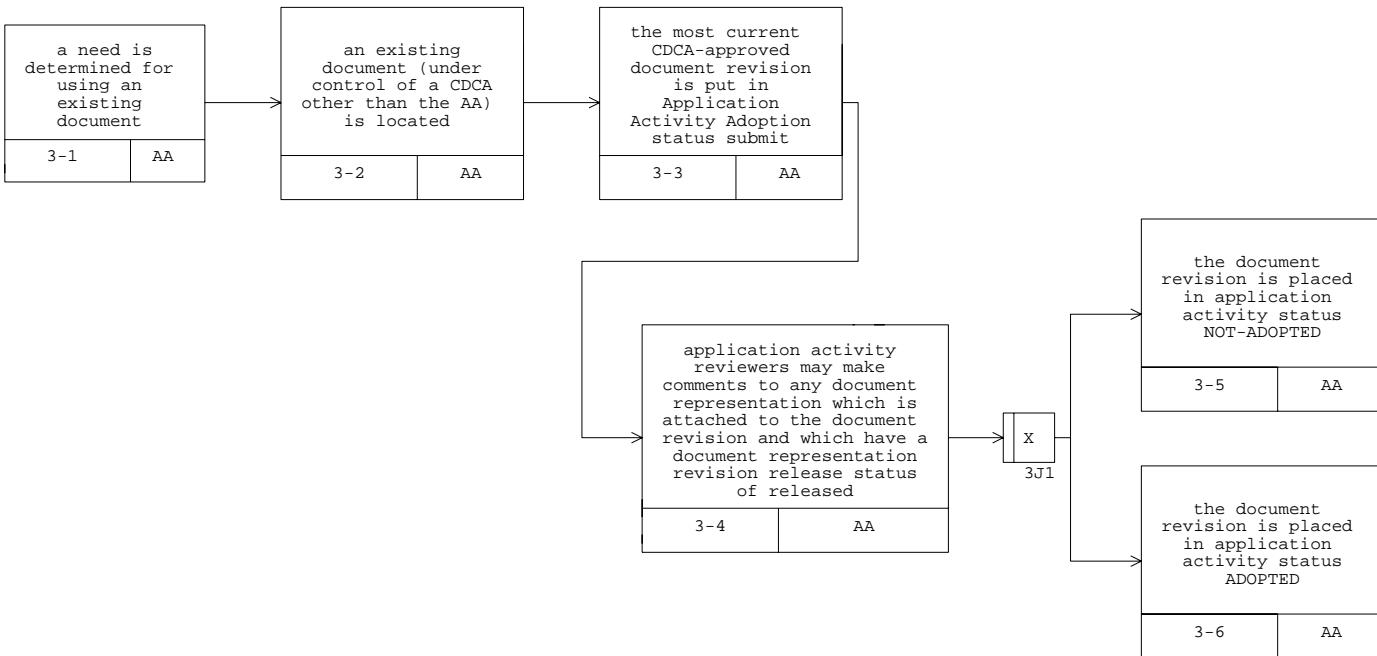


FIGURE B-4: DOCUMENT RELEASE/APPROVAL CASE 3.

An enterprise decides to use an existing document for which they are not the CDCA. (The enterprise is an Application Activity. There are no other activities involved.)

B-304

B-305

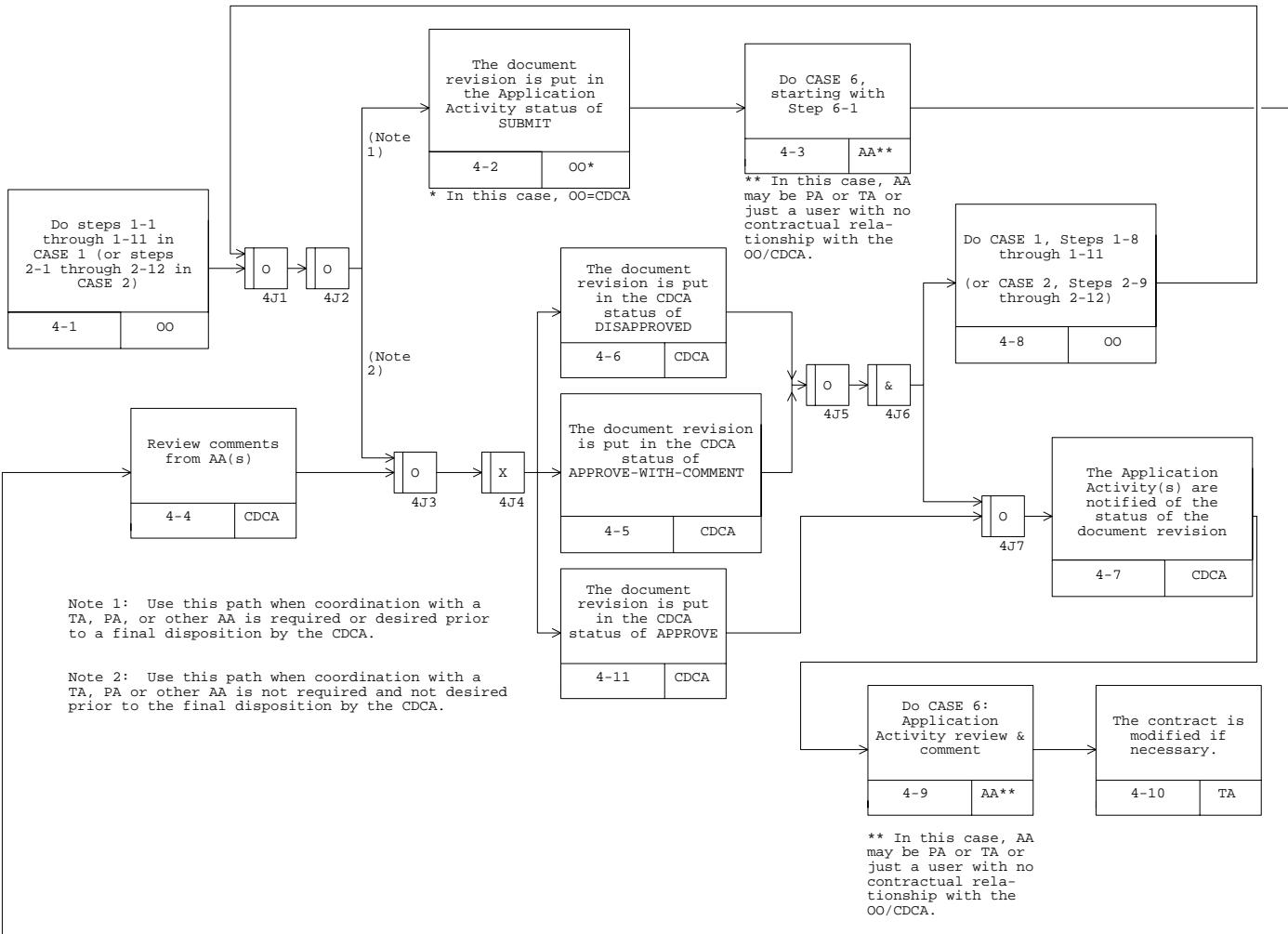
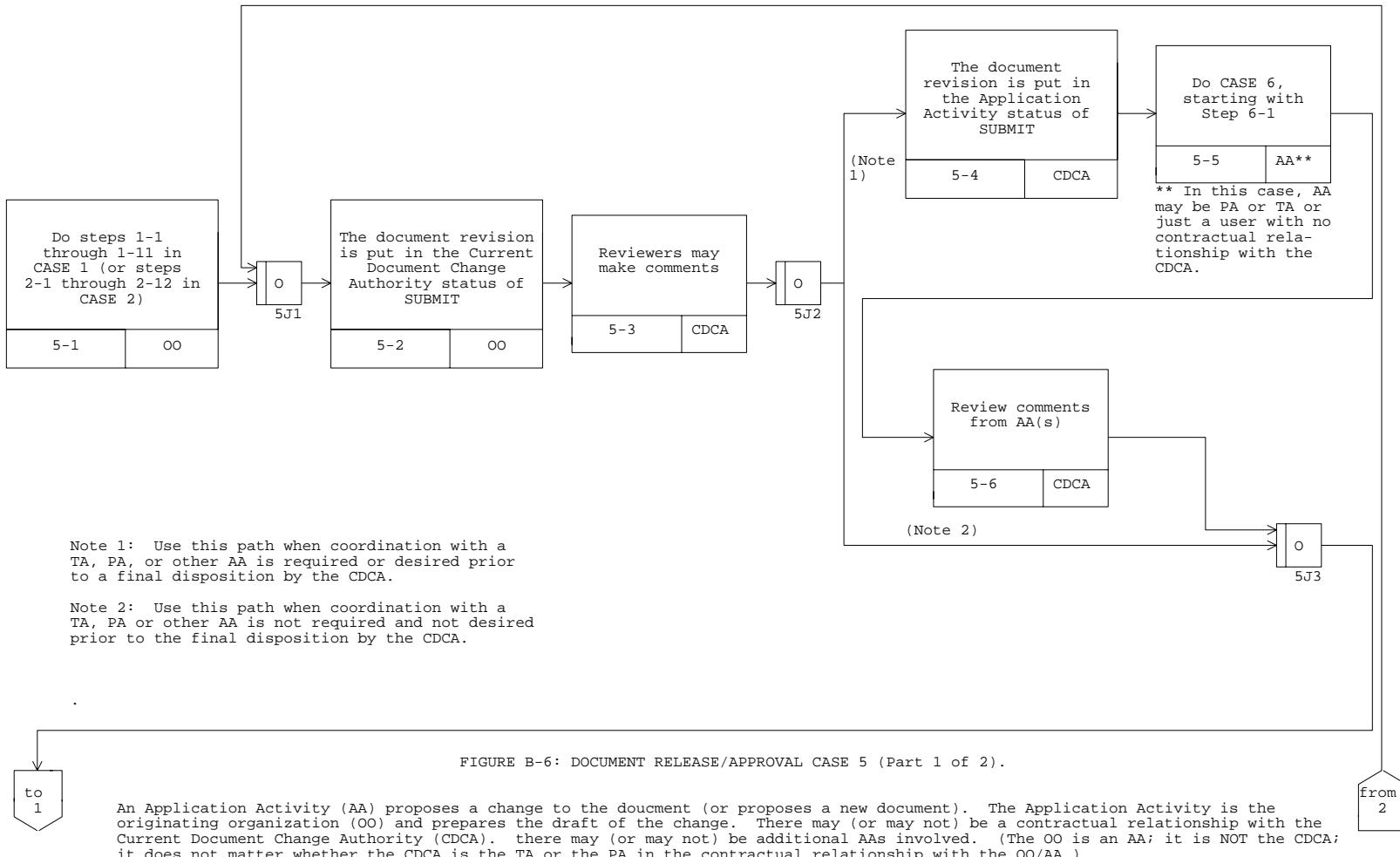


FIGURE B-5: DOCUMENT RELEASE/APPROVAL CASE 4.

The CDCA of a document proposes a change to the document (or proposes a new document). There may be a contractual relationship with one or more Application Activities. (The OO is the CDCA; it does not matter whether the CDCA is the TA or the PA in the contractual relationship.)



B-307

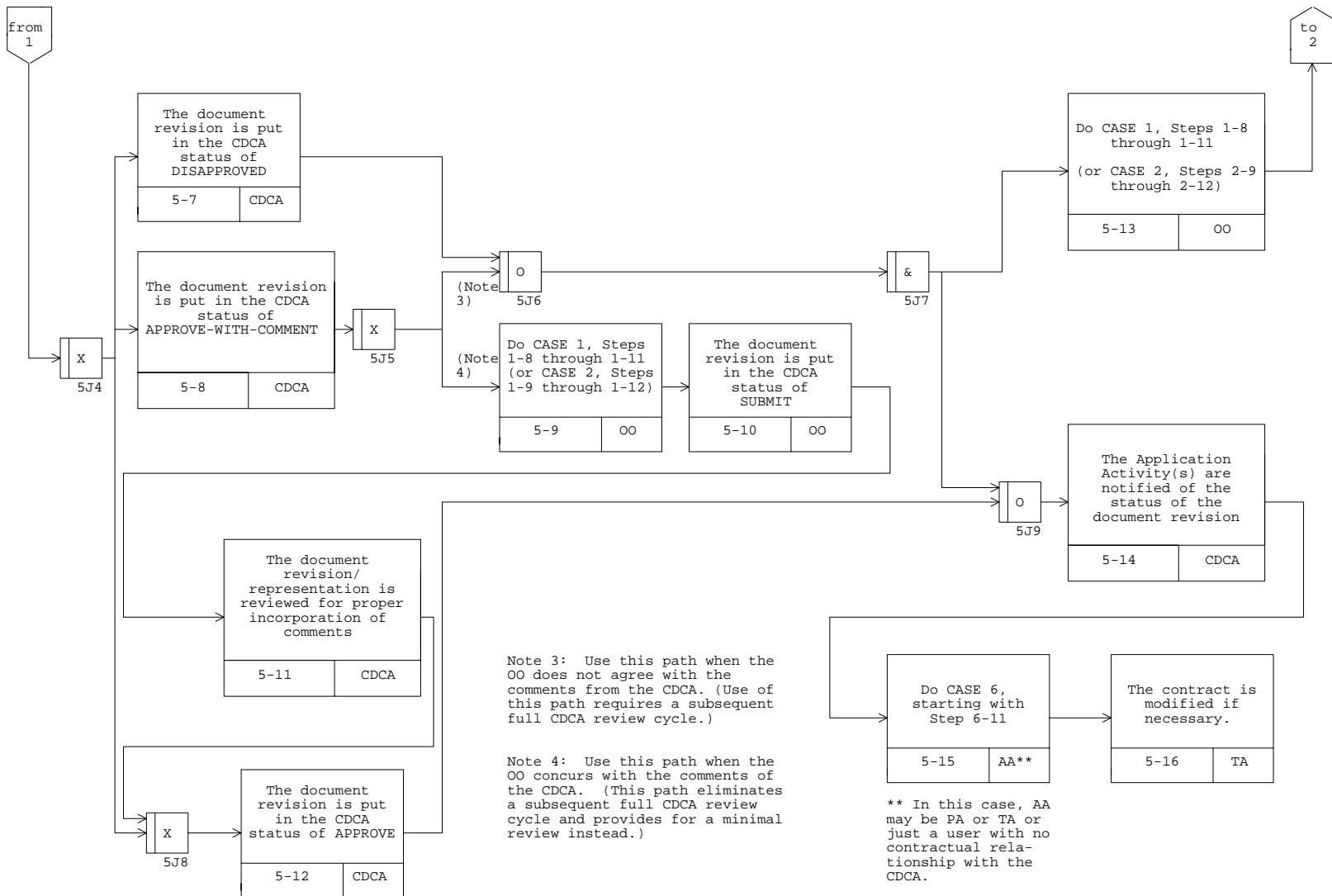


FIGURE B-6 (continued): DOCUMENT RELEASE/APPROVAL CASE 5 (Part 2 of 2).

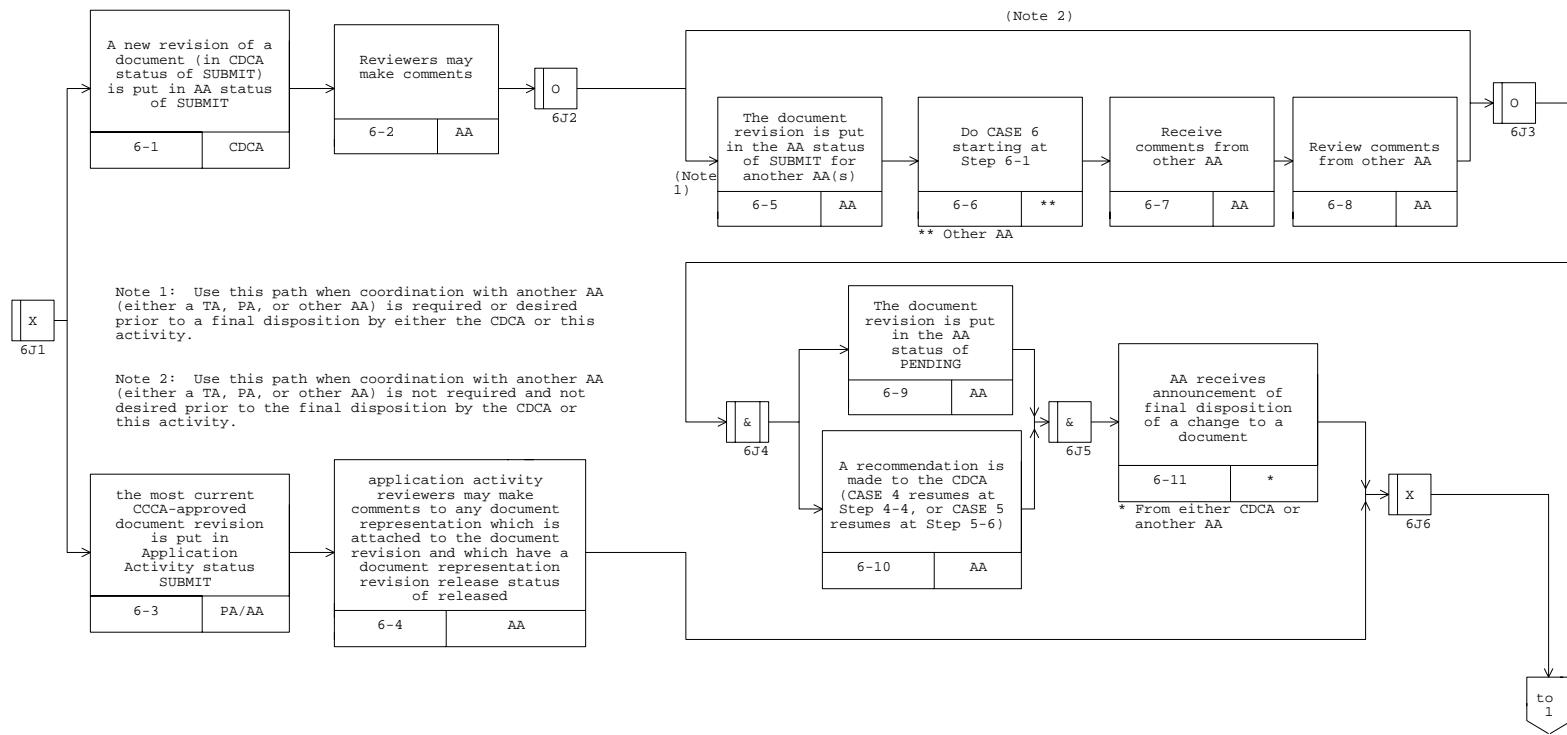


FIGURE B-7: DOCUMENT RELEASE/APPROVAL CASE 6 (Part 1 of 2).

An Application Activity (AA) receives a change to a document. The change may either be a proposed change under consideration by the Current Document Change Authority (CDCA) for the document, or may have been approved by the CDCA already. (The AA may be a Tasking Activity [TA], Performing Activity [PA] or some other AA.)

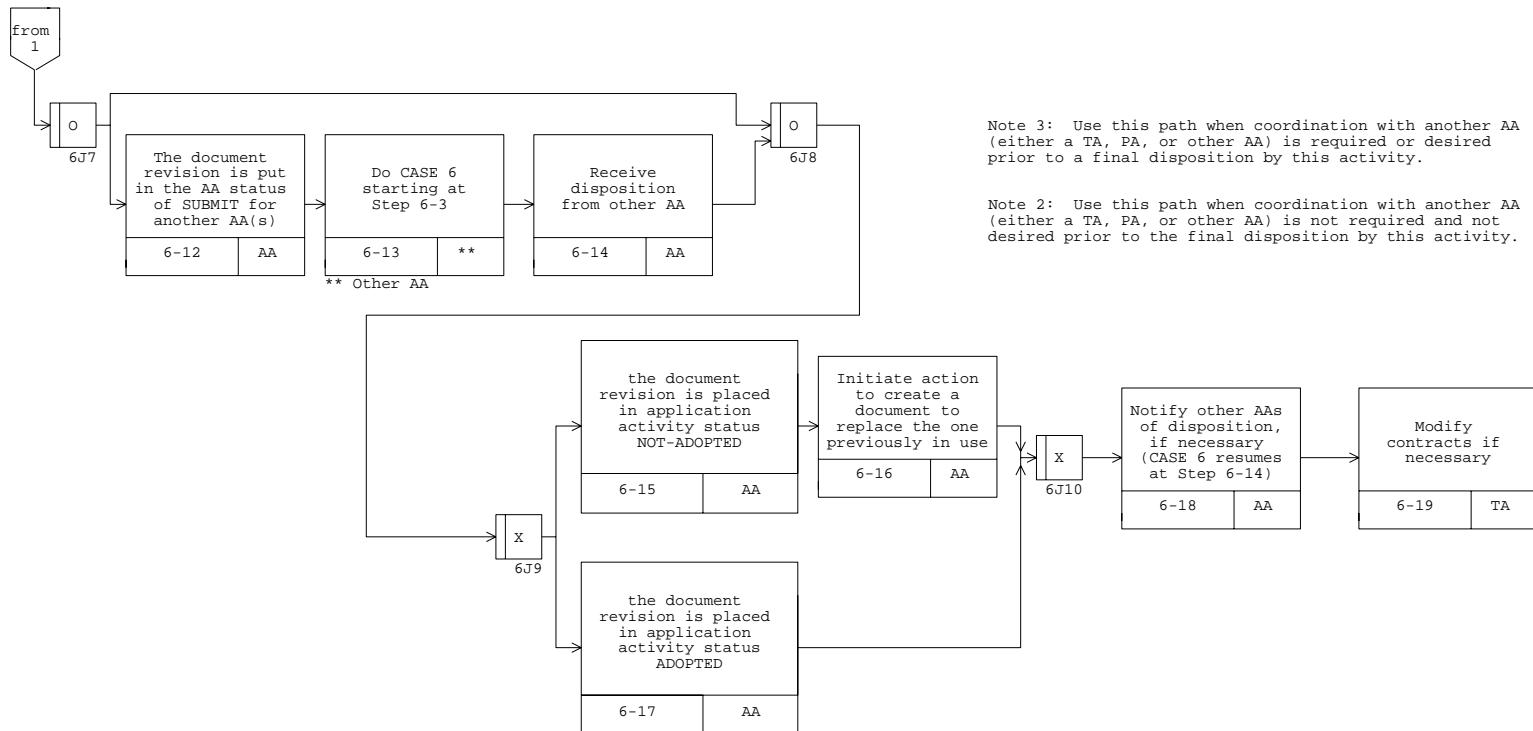
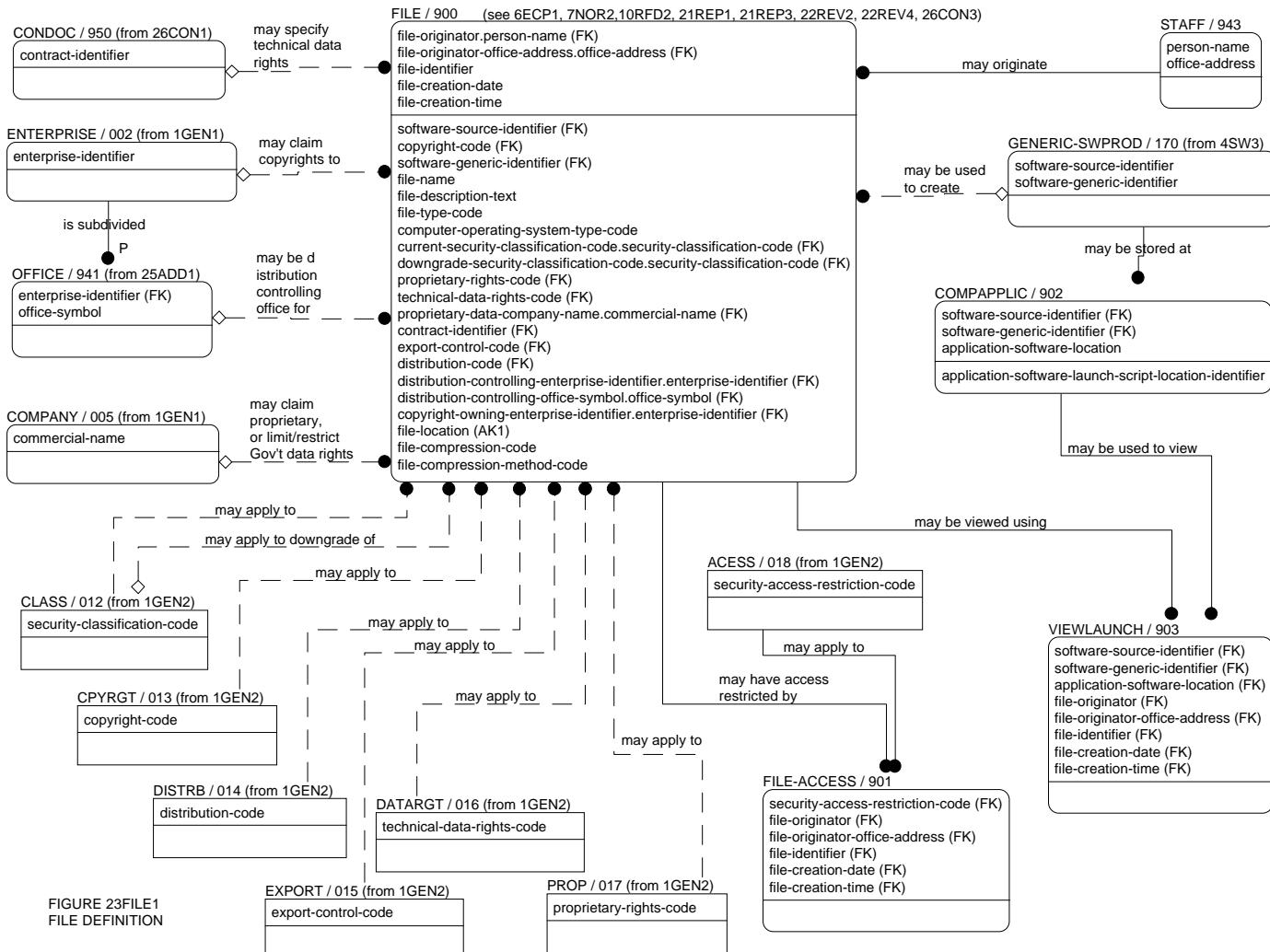


FIGURE B-7 (continued): DOCUMENT RELEASE/APPROVAL CASE 6 (Part 2 of 2).

B.5.22. Electronic Files. Entity tables numbered in the range of 900 through 909 contain the identification of electronic files, their associated attributes, physical location and application software launch scripts. The relationships between the file entity tables are depicted in Figure 23FILE1.

B.5.22.1. Table 900, File definition (FILE). This table contains the unique user-defined name of an electronic file with the cross reference to its actual (physical) storage location.

- a. The proprietary-data-rights-commercial-enterprise-name (PRPCOM900) is the name of the company claiming company proprietary rights and/or rights in technical data or software and, therefore, must be nonblank if the document-company-proprietary-data-rights-code (PRPCOD017) has a value of 'P' or 'S', or if the technical-document-government-data-rights-code (RGTCOD016) has any value other than 'U' or 'N'. In all other cases, the value of proprietary-data-rights-commercial-enterprise-name must be blank.
- b. If the technical-document-government-data-rights-code (RGTCOD016) has any value other than 'U' or 'N', the value of document-company-proprietary-rights-code (PRPCOD017) must be 'P'.
- c. The contract-document-identifier (CONIDN950) must appear as part of the Government rights in technical data claim text and, therefore, must be nonblank if the technical-document-government-data-rights-code (RGTCOD016) is anything other than 'U' or 'N'; in all other cases, it is optional. The technical-document-government-data-rights-expiration-date (RGTEXP900) also must be blank if the value of RGTCOD016 is 'U' or 'N', and must be nonblank for all other values.
- d. The copyright-owner-enterprise-identifier (CPYENT900) is the name of the enterprise which has copyrighted the data and, therefore, must be blank if the document-copyright-code (CPYCOD013) has a value of 'N' and must be nonblank for all other values.
- e. The document-distribution-controller-enterprise-identifier (DISENT900) and the document-distribution-controller-enterprise-office-name (DISOFF900) together identify the distribution controlling office which appears as part of the distribution statement; therefore, they both must be blank if the value of document-distribution-statement-code (DISCOD014) is 'N' or 'A' and must be nonblank for all other values. The document-distribution-restriction-determination-date (DISDAT900) is the date of determination that a distribution statement is required and, therefore, must be blank if the value of DISCOD014 has a value of 'N' or 'A' and nonblank for all other values.
- f. If the document-current-security-classification-code (SECCOD900) is any value other than 'U' or 'FOUO', the document-security-classification-date (SCLSDT900) must be nonblank, either the document-security-declassification-date (SDCLDT900) or the document-security-declassification-process-event-name (SDCLEV900) must be nonblank, and the document-security-classification-authority-text (SECAUT900) must be nonblank. Additionally, if the value of SECCOD900 is anything other than 'U', 'C', 'NC', 'NR' or 'FOUO', the value of document-downgrade-security-classification-code (SDWNCD900) may be nonblank; otherwise, it must be blank. If SDWNCD900 is nonblank, either the document-security-classification-downgrade-date (SDWNDT900) or the document-security-classification-downgrade-process-event-name (SDWNEV900) must be nonblank; otherwise, they must be blank. If the value of SECCOD900 is 'U' or 'FOUO', then, the values of SCLSDT900, SDCLDT900, SDCLEV900, SDWNCD900, SDWNDT900, SDWNEV900 and SECAUT900 must be blank.
- g. The value of the document-file-compression-method-code (CMPMTH900) must be blank if the value of document-file-compression-code (CMPCOD900) is 'N' and must be nonblank if the value of (CMPCOD900) is 'Y'.



MIL-STD-2549
APPENDIX B

- h. Attribute enterprise-identifier (ENTIDN002) inherited from Table 002 assumes the role copyright-owner-enterprise-identifier (CPYENT900).
- i. Attribute enterprise-identifier (ENTIDN002) inherited from Table 941 assumes the role document-distribution-controller-enterprise-identifier (DISENT900).
- j. Attribute enterprise-office-name (OFFSYM941) inherited from Table 941 assumes the role document-distribution-controller-enterprise-office-name (DISOFF900).
- k. Attribute enterprise-office-address-text (DIVADD942) inherited from Table 943 assumes the role enterprise-file-origination-office-address-text (FILADD900).
- l. Attribute human-name (PERNAM943) inherited from Table 943 assumes the role file-originator-human-name (FILORG900).
- m. Attribute commercial-enterprise-name (COMNAM005) inherited from Table 005 assumes the role proprietary-data-rights-commercial-enterprise-name (PRPCOM900).
- n. Attribute document-security-classification-code (SECCOD012) inherited from Table 012 assumes the role document-downgrade-security-classification-code (SDWNCD900).
- o. Attribute document-security-classification-code (SECCOD012) inherited from Table 012 assumes the role document-current-security-classification-code (SECCOD900).

Code	Data Element Title	DED	Key
FILDAT900	electronic-document-file-creation-date	0082	K
FILIDN900	electronic-document-file-identifier	0206	K
FILTIM900	electronic-document-file-creation-time	0160	K
FILADD900	enterprise-file-origination-office-address-text	0081	FK
FILORG900	file-originator-human-name	0069	FK
SWIDEN170	software-product-generic-identifier	0060	FK
CONIDN950	contract-document-identifier	0015	FK
CPYCOD013	document-copyright-code	0012	FK
CPYENT900	copyright-owner-enterprise-identifier	0052	FK, O
DISCOD014	document-distribution-statement-code	0014	FK
DISENT900	document-distribution-controller-enterprise-identifier	0052	FK, O
DISOFF900	document-distribution-controller-enterprise-office-name	0044	FK
EXPCOD015	document-export-control-code	0079	FK
PRPCOD017	document-company-proprietary-data-rights-code	0084	FK
PRPCOM900	proprietary-data-rights-commercial-enterprise-name	0170	FK, O
RGTCOD016	technical-document-government-data-rights-code	0022	FK
SDWNCD900	document-downgrade-security-classification-code	0010	FK, O
SECCOD900	document-current-security-classification-code	0010	FK
SWSORC170	software-product-source-entity-identifier	0033	FK, O

MIL-STD-2549
APPENDIX B

CMPCOD900	document-file-compression-code	0215	M
CMPMTH900	document-file-compression-method-code	0214	
DISDAT900	document-distribution-restriction-determination-date	0082	
FILDES900	document-file-description-text	0212	
FILLOC900	document-file-electronic-storage-place-identifier	0209	AK1, M
FILNAM900	document-file-name	0211	M
FILTYP900	document-file-type-code	0210	M
OPSYST900	computer-operating-system-asset-type-code	0213	
RGTEXP900	technical-document-government-data-rights-expiration-date	0082	
SCLSDT900	document-security-classification-date	0082	
SDCLDT900	document-security-declassification-date	0082	
SDCLEV900	document-security-declassification-process-event-name	0156	
SDWNDT900	document-security-classification-downgrade-date	0082	
SDWNEV900	document-security-classification-downgrade-process-event-name	0156	
SECAUT900	document-security-classification-authority-text	0155	

B.5.22.2. Table 901, File security access restriction(s) (FILE-ACCESS). This table correlates special Government security access restrictions with specific files.

Code	Data Element Title	DED	Key
ACCCOD018	document-security-access-restriction-code	0085	FK
FILADD900	enterprise-file-origination-office-address-text	0081	FK
FILIDN900	electronic-document-file-identifier	0206	FK
FILORG900	file-originator-human-name	0069	FK

B.5.22.3. Table 902, Computer application software storage location and usage instructions (COMPAPPLIC). This table stores the procedures (or pointers to the procedures) for launching the application software required to view/edit the file.

Code	Data Element Title	DED	Key
APPLOC902	application-software-product-electronic-storage-place-identifier	0209	K
SWIDEN170	software-product-generic-identifier	0060	FK
SWSORC170	software-product-source-entity-identifier	0033	FK
LAUNCH902	application-software-product-launch-script-electronic-storage-place-identifier	0209	M

B.5.22.4. Table 903, Software viewers (VIEWLAUNCH). This table associates software applications which can be used to view a file with the file.

MIL-STD-2549
APPENDIX B

Code	Data Element Title	DED	Key
APPLOC902	application-software-product-electronic-storage-place-identifier	0209	FK
FILADD900	enterprise-file-originination-office-address-text	0081	FK
FILDAT900	electronic-document-file-creation-date	0082	FK
FILIDN900	electronic-document-file-identifier	0206	FK
FILORG900	file-originator-human-name	0069	FK
FILTIM900	electronic-document-file-creation-time	0160	FK
SWIDEN170	software-product-generic-identifier	0060	FK
SWSORC170	software-product-source-entity-identifier	0033	FK

B.5.22.5. Tables 904 through 909. Reserved.

MIL-STD-2549
APPENDIX B

B.5.23. Company documents, parts and materials. Entity tables numbered in the range of 910 through 939 contain the identification of company drawings, specifications and other documents, commercial part numbers and commercial materials issued by individual companies, along with all associated attributes. Commercial companies, as used herein, do not use a CAGE code as their primary identification, but use their company name instead. This means that the contents of this section are limited to documents identified by a company name and a document number or title. Parts are assumed to be identified by a company name and part number, and materials are assumed to be identified by a company name and a material name. The relationships between these various company entity tables are depicted in Figures 24COM1 through 24COM4.

B.5.23.1. Table 910, Documents identified by company name (in lieu of CAGE code) (COMPANY-DOC). This table is a subtype of Table GENERIC-DOC/010 for the case where the value of document-source-identification-type-code (ENTTYP010) is 'M'. It contains the unique identification of commercial documents which are identified by company name, a document identifier, and a document type.

- a. Attribute document-source-entity-identifier (SRCIDN010) inherited from Table 010 assumes the role commercial-document-source-enterprise-name (SRCCOM910).

Code	Data Element Title	DED	Key
DOCIDN010	document-identifier	0122	FK
DOCTYP010	document-type-code	0004	FK
SRCCOM910	commercial-document-source-enterprise-name	0170	FK

B.5.23.2. Table 911, Company document revisions (for company name used in lieu of CAGE code) (COMPANY-DOCREV). This table is a subtype of Table GENERIC-DOCREV/011 for the case where the value of document-source-identification-type-code (ENTTYP010) is 'M'. Due to parallel categorization, it is a de facto child of Table COMPANY-DOC/910. It contains the revision history for the commercial documents contained in Table 910.

- a. Because this table is a de facto child of Table 910, document-source-entity-identifier (SRCIDN010) inherited from Table 011 is really a commercial-document-source-enterprise-name (SRCCOM910) existing in Table 910. Therefore, SRCIDN010 assumes the identity SRCCOM910.

Code	Data Element Title	DED	Key
DOCIDN010	document-identifier	0122	FK
DOCREV011	document-generic-revision-identifier	0243	FK
DOCTYP010	document-type-code	0004	FK
SRCCOM910	commercial-document-source-enterprise-name	0170	FK

B.5.23.3. Table 912, Commercial engineering drawings (COMDWG). This table is one category of Table COMPANY-DOC/910 for the case when the value of the document-type-code in Table 910 is either 'DWG' or 'PL'. It contains the identification of drawings which are identified by a company name and an alphanumeric identifier.

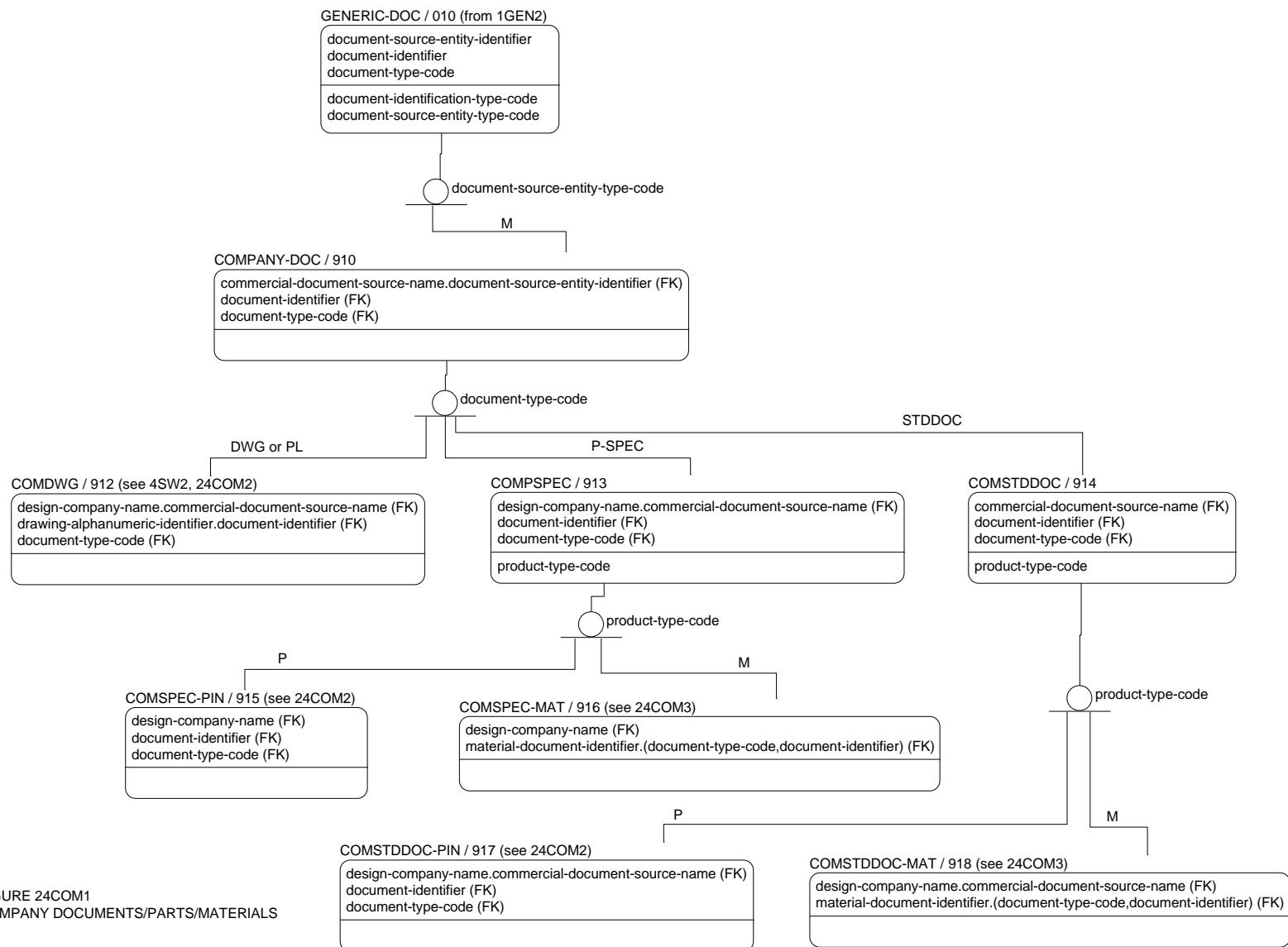


FIGURE 24COM1 COMPANY DOCUMENTS/PARTS/MATERIALS

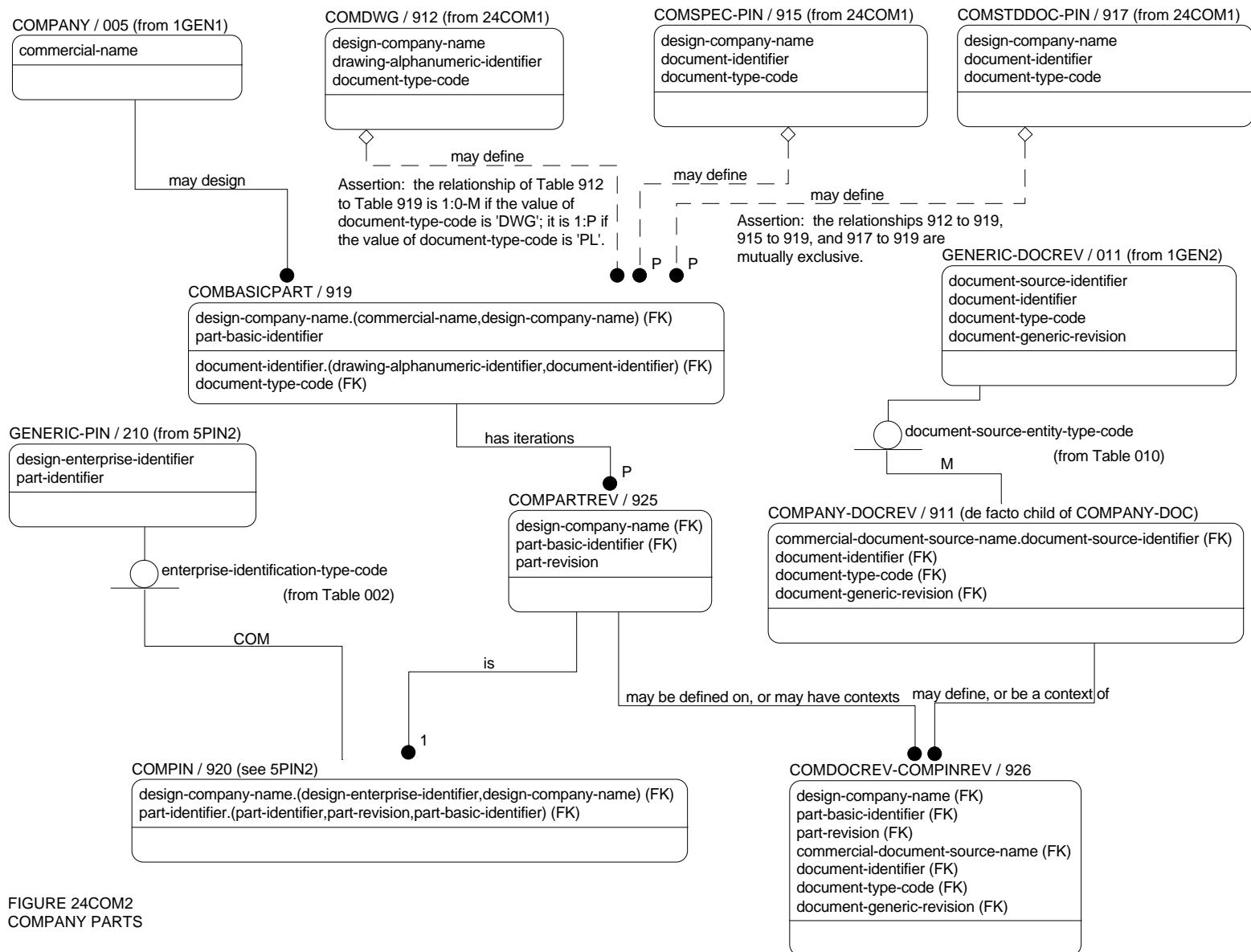


FIGURE 24COM2
COMPANY PARTS

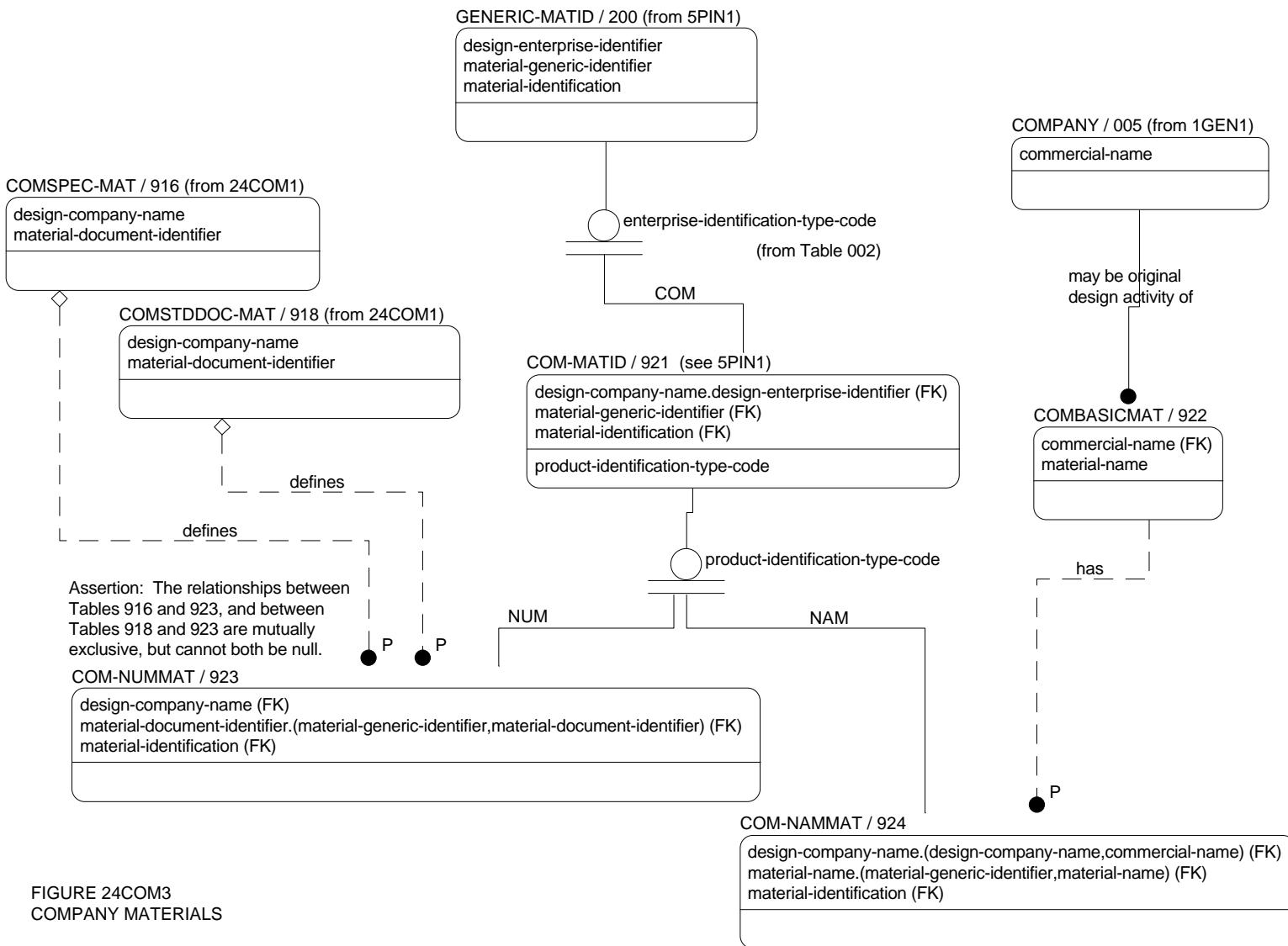
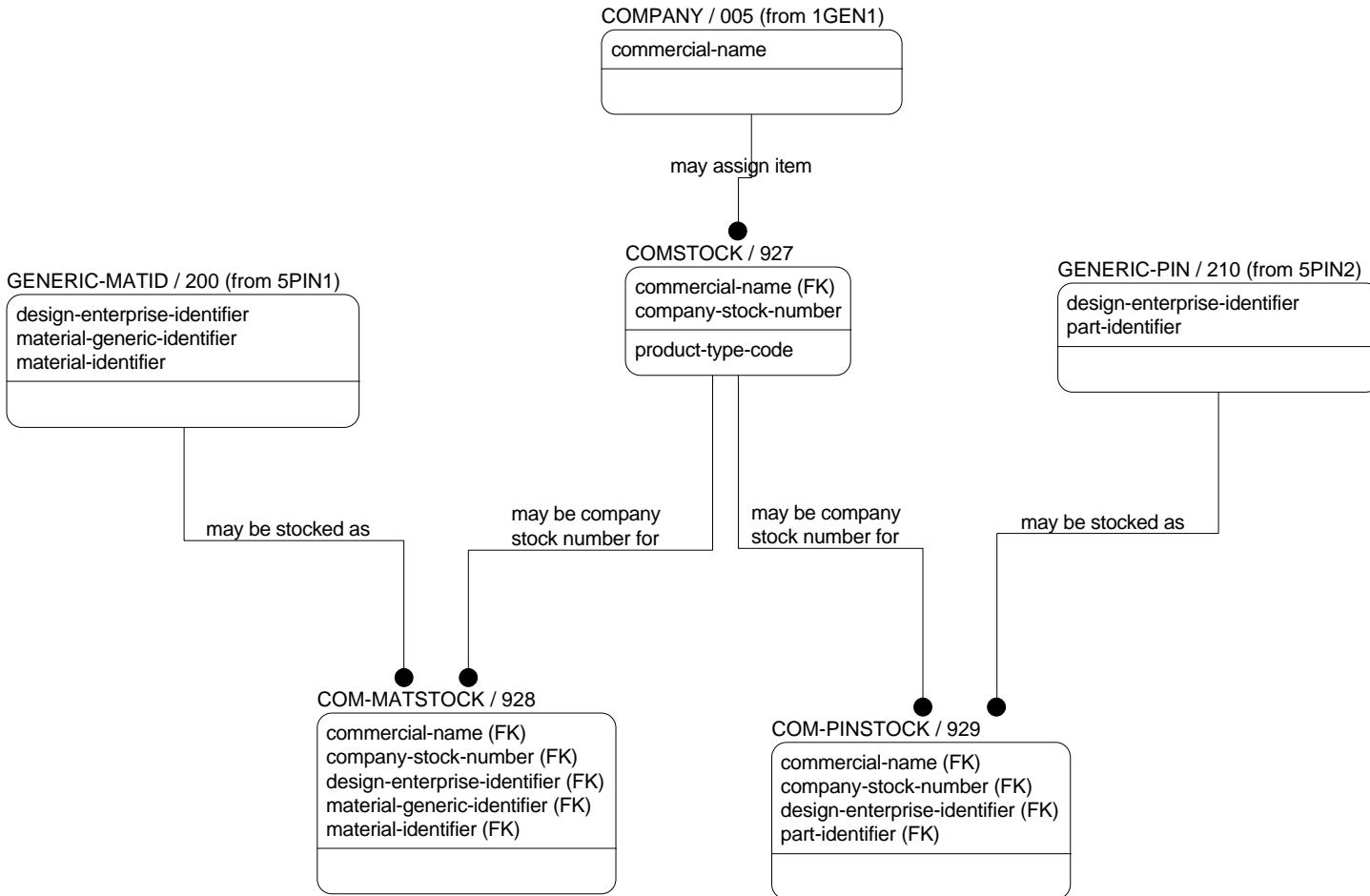


FIGURE 24COM3
COMPANY MATERIALS



B-319

FIGURE 24COM4
COMPANY STOCK NUMBER

MIL-STD-2549
APPENDIX B

- a. Attribute commercial-document-source-enterprise-name (SRCCOM910) inherited from Table 910 assumes the role design-enterprise-name (DESCOM912).
- b. Attribute document-identifier (DOCIDN010) inherited from Table 910 assumes the role engineering-drawing-document-alphanumeric-identifier (DWGNUM912).

Code	Data Element Title	DED	Key
DESCOM912	design-enterprise-name	0170	FK
DOCTYP010	document-type-code	0004	FK
DWGNUM912	engineering-drawing-document-alphanumeric-identifier	0003	FK
CONTYP912	administrative-control-drawing-document-type-code	0032	M

B.5.23.4. Table 913, Commercial program-unique specifications (identified by company name in lieu of CAGE code) (COMPSPEC). This table is a subtype of Table COMPANY-DOC/910 and contains a subset of the data in Table 910 for the case where the value of document-type-code (DOCTYP010) in Table 910 is 'P-SPEC'.

- a. Attribute commercial-document-source-enterprise-name (SRCCOM910) inherited from Table 910 assumes the role design-enterprise-name (DESCOM913).

Code	Data Element Title	DED	Key
DESCOM913	design-enterprise-name	0170	FK
DOCIDN010	document-identifier	0122	FK
DOCTYP010	document-type-code	0004	FK
PRDTYP913	product-type-code	0034	M

B.5.23.5. Table 914, Company-unique standardization documents (COMSTDDOC). This table is a subcategory of Table COMPANY-DOC/910 for the case where the value of document-type-code is 'STDDOC'. It contains the unique identification of company standards. It has three subcategories based on the value of product-type-code (PRDTYP914); only COMSTDDOC-PIN/917, COMSTDDOC-MAT/918 are shown in Figure 24COM1. It has two subcategories based on the value of document-identification-type-code (IDNTYP010) in Table 010; only Table COMSTDNUMDOC/440 is shown (see Figures 11STDS1 and 24COM1).

Code	Data Element Title	DED	Key
DOCIDN010	document-identifier	0122	FK
DOCTYP010	document-type-code	0004	FK
SRCCOM910	commercial-document-source-enterprise-name	0170	FK
PRDTYP914	product-type-code	0034	M

B.5.23.6. Table 915, Parts defined by a commercial program-unique specification (COMSPEC-PIN). This table is a subtype of Table COMPSPEC/913 and contains the subset of the data in Table 913 consisting of those instances where the value of product-type-code in Table 913 is 'P'. These instances are program-unique specifications which define parts/part numbers.

MIL-STD-2549
APPENDIX B

Code	Data Element Title	DED	Key
DESCOM913	design-enterprise-name	0170	FK
DOCIDN010	document-identifier	0122	FK
DOCTYP010	document-type-code	0004	FK

B.5.23.7. Table 916, Materials defined by a commercial program-unique specification (COMSPEC-MAT). This table is a subtype of Table COMPSPEC/913 and contains the subset of the data in Table 913 consisting of those instances where the value of product-type-code in Table 913 is 'M'. These instances are program-unique specifications which define materials (or parts) not identified by part numbers.

- a. The attributes document-identifier (DOCIDN010) and document-type-code (DOCTYP010) inherited from Table 913 are concatenated and assume the role material-document-identifier (MATDOC916). (See Appendix C for concatenation order.)

Code	Data Element Title	DED	Key
DESCOM913	design-enterprise-name	0170	FK
MATDOC916	material-document-identifier	0192	FK

B.5.23.8. Table 917, Parts defined by a commercial standardization document (COMSTDDOC-PIN). This table is a subtype of Table COMSTDDOC/914 and contains the subset of the data in Table 914 consisting of those instances where the value of product-type-code in Table 914 is 'P'. These instances are standardization documents which define parts/part numbers.

- a. Attribute commercial-document-source-enterprise-name (SRCCOM910) inherited from Table 914 assumes the role design-enterprise-name (DESCOM917).

Code	Data Element Title	DED	Key
DESCOM917	design-enterprise-name	0170	FK
DOCIDN010	document-identifier	0122	FK
DOCTYP010	document-type-code	0004	FK

B.5.23.9. Table 918, Materials defined by a commercial standardization document (COMSTDDOC-MAT). This table is a subtype of Table COMSTDDOC/914 and contains the subset of the data in Table 914 consisting of those instances where the value of product-type-code in Table 914 is 'M'. These instances are standardization documents which define materials (or parts) not identified by part numbers.

- a. Attribute commercial-document-source-enterprise-name (SRCCOM910) inherited from Table 914 assumes the role design-enterprise-name (DESCOM918).
- b. The attributes document-identifier (DOCIDN010) and document-type-code (DOCTYP010) inherited from Table 914 are concatenated and assume the role material-document-identifier (MATDOC918). (See Appendix C for concatenation order.)

MIL-STD-2549
APPENDIX B

Code	Data Element Title	DED	Key
DESCOM918	design-enterprise-name	0170	FK
MATDOC918	material-document-identifier	0192	FK

B.5.23.10. Table 919, Basic part identified by company name (in lieu of CAGE code) and part number (COMBASICPART). This table contains the unique identification of commercial parts.

- a. The value of design-enterprise-name inherited from Table 912 (DESCOM912), Table 915 (DESCOM913), or Table 917 (DESCOM917) must be the same as the value of the commercial-enterprise-name (COMNAM005) inherited from Table 005. Therefore these fields are merged and assume the identity design-enterprise-name (DESCOM919).
- b. The document-identifier (DOCIDN919) is inherited either from Table 912 (drawing-alphanumeric-identifier [DWGNUM912]), Table 915 (document-identifier [DOCIDN010]), or Table 917 (document-identifier [DOCIDN010]).

Code	Data Element Title	DED	Key
BPINNO919	part-product-basic-identifier	0024	K
DESCOM919	design-enterprise-name	0170	FK
DOCIDN919	document-identifier	0122	FK
DOCTYP010	document-type-code	0004	FK

B.5.23.11. Table 920, Commercial part (identified by company name, part number and revision) (COMPIN). This table is a subtype of Table GENERIC-PIN/210 and contains a subset of the data in Table 210 and correlates the commercial part number into the generic part hierarchy.

- a. The concatenation of the values of part-product-basic-identifier (BPINNO919) and the part-product-revision-identifier (PINREV925) inherited from Table COMPARTREV/925 must be the same as the value of (PARNUM210) in Table GENERIC-PIN/210 therefore the concatenation of BPINNO919 and PINREV925 is merged with PARNUM210 and assumes the identity PARNUM920.
- b. Attribute design-enterprise-identifier (DESENT210) inherited from Table 210 and design-enterprise-name (DESCOM919) inherited from Table 925 must both have the same value. Therefore they merge and assume the identity design-enterprise-name (DESCOM919).

Code	Data Element Title	DED	Key
DESCOM919	design-enterprise-name	0170	FK
PARNUM920	part-product-identifier	0024	FK

B.5.23.12. Table 921, Commercial materials (identified by company name in lieu of CAGE code) (COM-MATID). This table is a subtype of Table GENERIC-MATID/200 and contains a subset of the data in Table 200 for the case where the value of enterprise-identification-type-code (ENTTYP002) in Table 002 is "COM". It correlates the commercial material into the generic material hierarchy. This table has two subtypes: COM-NUMMAT/923 and COM-NAMMAT/924.

MIL-STD-2549
APPENDIX B

- a. Attribute design-enterprise-identifier (DESENT200) inherited from Table 200 assumes the role design-enterprise-name (DESCOM921).

Code	Data Element Title	DED	Key
DESCOM921	design-enterprise-name	0170	FK
MATGID200	material-product-generic-identifier	0092	FK
MATIDN200	material-product-identifier	0038	FK
PIDTYP921	product-identification-type-code	0123	M

B.5.23.13. Table 922, Commercial material name (COMBASICMAT). This table contains the unique identification of a commercial material which is identified by a design company name and a material name.

Code	Data Element Title	DED	Key
MATNAM922	material-product-name	0191	K
COMNAM005	commercial-enterprise-name	0170	FK

B.5.23.14. Table 923, Commercial materials identified by document (COM-NUMMAT). This table is a subtype of Table COM-MATID/921 for the case where the value of product-identification-type-code (PIDTYP921) in Table 921 is 'NUM'. It contains those commercial materials which are identified by the company name and a alphanumeric document identifier.

- a. The design-enterprise-name inherited from either Table 916 (DESCOM913) or Table 918 (DESCOM918) must be the same as the design-enterprise-name inherited from Table 921 (DESCOM921) and therefore, they merge and assume the identity DESCOM923.
- b. The material-document-identifier inherited from either Table 916 (MATDOC916) or Table 918 (MATDOC918) must be the same as the value of material-product-generic-identifier inherited from Table 921 (MATGID200) and therefore, they merge and assume the identity material-document-identifier (MATDOC923).

Code	Data Element Title	DED	Key
DESCOM923	design-enterprise-name	0170	FK
MATDOC923	material-document-identifier	0192	FK
MATIDN200	material-product-identifier	0038	FK

B.5.23.15. Table 924, Commercial materials identified by name (COM-NAMMAT). This table is a subcategory of Table COM-MATID/921 for the case where the value of the product-identification-type-code (PRDTYP921) is 'NAM'. It consists of the subset commercial materials which are identified by a company (design source) name, a material name, and a list of material parameters.

- a. Attribute design-enterprise-name (DESCOM921) inherited from Table 921 and commercial-enterprise-name (COMNAM005) inherited from Table 922 must both have the same value. Therefore they merge and assume the identity design-enterprise-name (DESCOM921).

MIL-STD-2549
APPENDIX B

- b. Attribute material-product-generic-identifier (MATGID200) inherited from Table 921 and material-product-name (MATNAM922) inherited from Table 922 must both have the same value. Therefore they merge and assume the identity material-product-name (MATNAM922).

Code	Data Element Title	DED	Key
DESCOM921	design-enterprise-name	0170	FK
MATIDN200	material-product-identifier	0038	FK
MATNAM922	material-product-name	0191	FK

B.5.23.16. Table 925, Commercial part revisions (COMPARTREV). This table contains part revisions to commercial parts. Commercial parts are those parts which are identified by a company name rather than a CAGE code. This table must be used for commercial parts; however, if the company practice is not to assign revisions to parts, the value of part-product-revision-identifier (PINREV925) can be dash ('-') and system implementations may display a null for this value.

Code	Data Element Title	DED	Key
PINREV925	part-product-revision-identifier	0181	K
BPINNO919	part-product-basic-identifier	0024	FK
DESCOM919	design-enterprise-name	0170	FK

B.5.23.17. Table 926, Correlation of document revisions to part revisions (COMDOCREV-COMPINREV). This table contains the correlation of commercial document revisions with commercial part revisions. The commercial documents may represent the defining document or some other context of the part. This table is necessary to support the STEP concept of multiple contexts.

Code	Data Element Title	DED	Key
BPINNO919	part-product-basic-identifier	0024	FK
DESCOM919	design-enterprise-name	0170	FK
DOCIDN010	document-identifier	0122	FK
DOCREV011	document-generic-revision-identifier	0243	FK
DOCTYP010	document-type-code	0004	FK
PINREV925	part-product-revision-identifier	0181	FK
SRCCOM910	commercial-document-source-enterprise-name	0170	FK

B.5.23.18. Table 927, Company stock numbers (COMSTOCK). This table contains company stock numbers for parts and materials. (In some companies, these are depicted by company-equivalent drawings which depict customer or standard parts, and therefore, are referred to as company part numbers.)

MIL-STD-2549
APPENDIX B

Code	Data Element Title	DED	Key
STKNUM927	commercial-product-inventory-stock-identifier	0186	K
COMNAM005	commercial-enterprise-name	0170	FK

B.5.23.19. Table 928, Commercial stock number for material (COM-MATSTOCK). This table contains the correlation of commercial stock numbers with materials (or parts) not identified by part numbers.

Code	Data Element Title	DED	Key
COMNAM005	commercial-enterprise-name	0170	FK
DESENT200	design-enterprise-identifier	0052	FK
MATGID200	material-product-generic-identifier	0092	FK
MATIDN200	material-product-identifier	0038	FK
STKNUM927	commercial-product-inventory-stock-identifier	0186	FK

B.5.23.20. Table 929, Commercial stock number for parts identified by part number. (COM-PINSTOCK). This table contains the correlation of commercial stock numbers with part numbers.

Code	Data Element Title	DED	Key
COMNAM005	commercial-enterprise-name	0170	FK
DESENT210	design-enterprise-identifier	0052	FK
PARNUM210	part-product-identifier	0024	FK
STKNUM927	commercial-product-inventory-stock-identifier	0186	FK

B.5.23.21. Tables 930 through 939. Reserved.

MIL-STD-2549
APPENDIX B

B.5.24. Address Tables. Entity tables numbered in the range of 940 through 949 are an "address book". They contain the names, addresses, phone numbers, fax numbers, e-mail addresses, and assignments of the various points of contact necessary for certain kinds of documents and for file identification. (See also: B.5.22.) This section could easily be used to contain other personal information (such as security clearance level, etc.) and administrative access authority. The various tables and their relationships are shown in Figure 25ADD1.

B.5.24.1. Table 940, Address (ADDRESS). This table contains enterprise identifiers and associated addresses. It is primarily for use in conjunction with data item delivery.

Code	Data Element Title	DED	Key
ADDRES940	enterprise-address-text	0039	K
ENTIDN002	enterprise-identifier	0052	FK

B.5.24.2. Table 941, Office Symbols (OFFICE). This table contains organizational identifiers within an enterprise. These are often referred to as office symbols, or desk codes. They are included primarily for CDRL distribution and for CM document change control authority.

Code	Data Element Title	DED	Key
OFFSYM941	enterprise-office-name	0044	K
ENTIDN002	enterprise-identifier	0052	FK
HICLAS941	enterprise-security-classified-document-receipt-authorization-code	0224	

B.5.24.3. Table 942, Division address (DIV-ADDRESS). This table is the correlation of enterprise divisions (office symbols) with enterprise addresses. It is used primarily for document delivery. It also provides contract point-of-contact information.

- a. The enterprise-identifier (ENTIDN002) inherited from Table 940 and that inherited from Table 941 must be the same. They are merged and concatenated with the enterprise-address-text (ADDRES940) inherited from Table 940 and the enterprise-office-name (OFFSYM941) inherited from Table 941 and assume the identity enterprise-office-address-text (DIVADD942). See Appendix C for concatenation order.

Code	Data Element Title	DED	Key
DIVADD942	enterprise-office-address-text	0081	FK
FAXNUM942	human-facsimile-machine-access-identifier	0225	
TELPHN942	human-telephone-access-identifier	0225	

B.5.24.4. Table 943, Staffing (STAFF). This table is a telephone/electronic-mail directory of key personnel in Government and industry. It is used primarily for recording document receipt and source of redline reviews of documents/files, and Configuration Control Board (CCB) membership. The stored attributes could be expanded to form the basis for CM AIS access.

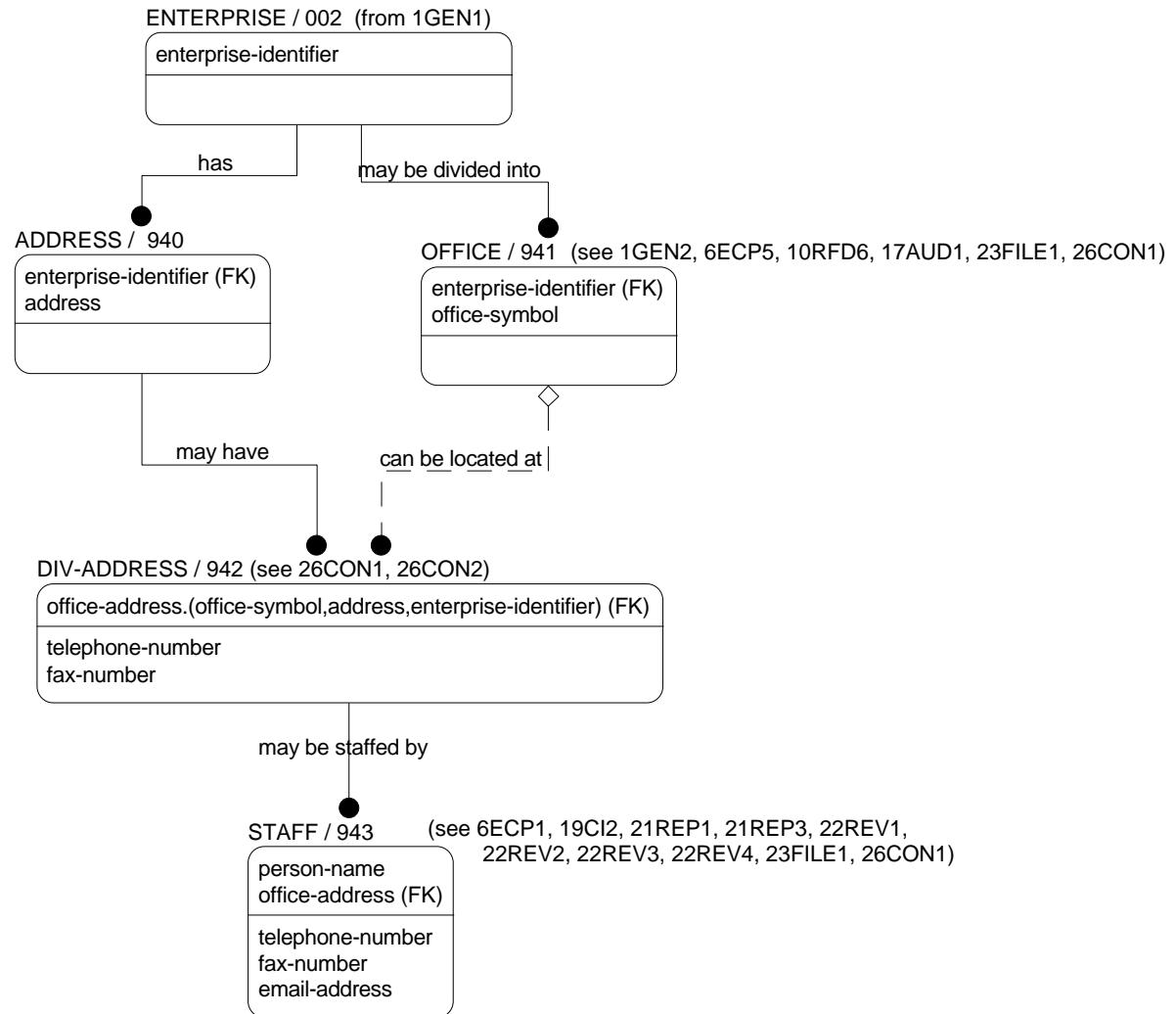


FIGURE 25ADD1
ADDRESS

MIL-STD-2549
APPENDIX B

Code	Data Element Title	DED	Key
PERNAM943	human-name	0069	K
DIVADD942	enterprise-office-address-text	0081	FK
EMAILX943	human-electronic-mail-access-identifier	0225	
FAXNUM943	human-facsimile-machine-access-identifier	0225	
TELPHN943	human-telephone-access-identifier	0225	

B.5.24.5. Tables 944 through 949. Reserved.

MIL-STD-2549
APPENDIX B

B.5.25. Contract and contract data. Entity tables numbered in the range of 950 through 999 contain the identification of contracts, contract line items, contract exhibits, contract data requirements, contract data submittals and their approval cycle. Within the DOD Enterprise Data Model, contracts are limited to DoD contracts and are treated as an entity, but not as a document; however, in this model, contracts are not so limited, and are treated as one type of document. The relationships between the contract/contract data item entity tables are depicted in Figures 26CON1 through 26CON6.

B.5.25.1. Table 950, Contract document definition (CONDODC). This table contains the contract identifier. A contract is one subtype of NUMDOC/020 for the case where the value of document-type-code (DOCTYP010) in Table 020 is 'CONTRCT'. This table also serves as a link to the DOD EDM CONTRACT entity.

- a. The value of field enterprise-identifier (ENTIDN002) inherited from Table 002 as the tasking activity must be the same as the value of document-source-enterprise-identifier (SRCENT020) inherited from Table 020 and therefore can be merged with SRCENT020. The value of document-alphanumeric-identifier (DOCNUM020) inherited from Table 020 must be the same as the value of contract-document-alphanumeric-identifier (CONN977) inherited from Table 977 and therefore can be merged with CONNUM977. These two pairs of merged fields are concatenated with document-type-code (DOCTYP010) inherited from Table 020 and assume the identity contract-document-identifier (CONIDN950).
- b. Attribute enterprise-office-address-text (DIVADD942) inherited from Table 943 assumes the role enterprise-administrative-contracting-office-address-text (ACOADD950).
- c. Attribute human-name (PERNAM943) inherited from Table 943 assumes the role administrative-contracting-officer-human-name (ACONAM950).
- d. Attribute enterprise-office-address-text (DIVADD942) inherited from Table 943 assumes the role enterprise-procuring-contracting-office-address-text (PCOADD950).
- e. Attribute human-name (PERNAM943) inherited from Table 943 assumes the role product-procuring-contracting-officer-human-name (PCONAM950).
- f. Attribute enterprise-office-address-text (DIVADD942) inherited from Table 943 assumes the role performing-enterprise-contact-office-address-text (SELADD950).
- g. Attribute enterprise-identifier (ENTIDN002) inherited from Table 002 assumes the role performing-enterprise-identifier (SELENT950).
- h. Attribute human-name (PERNAM943) inherited from Table 943 assumes the role contractor-human-name (SELNAM950).

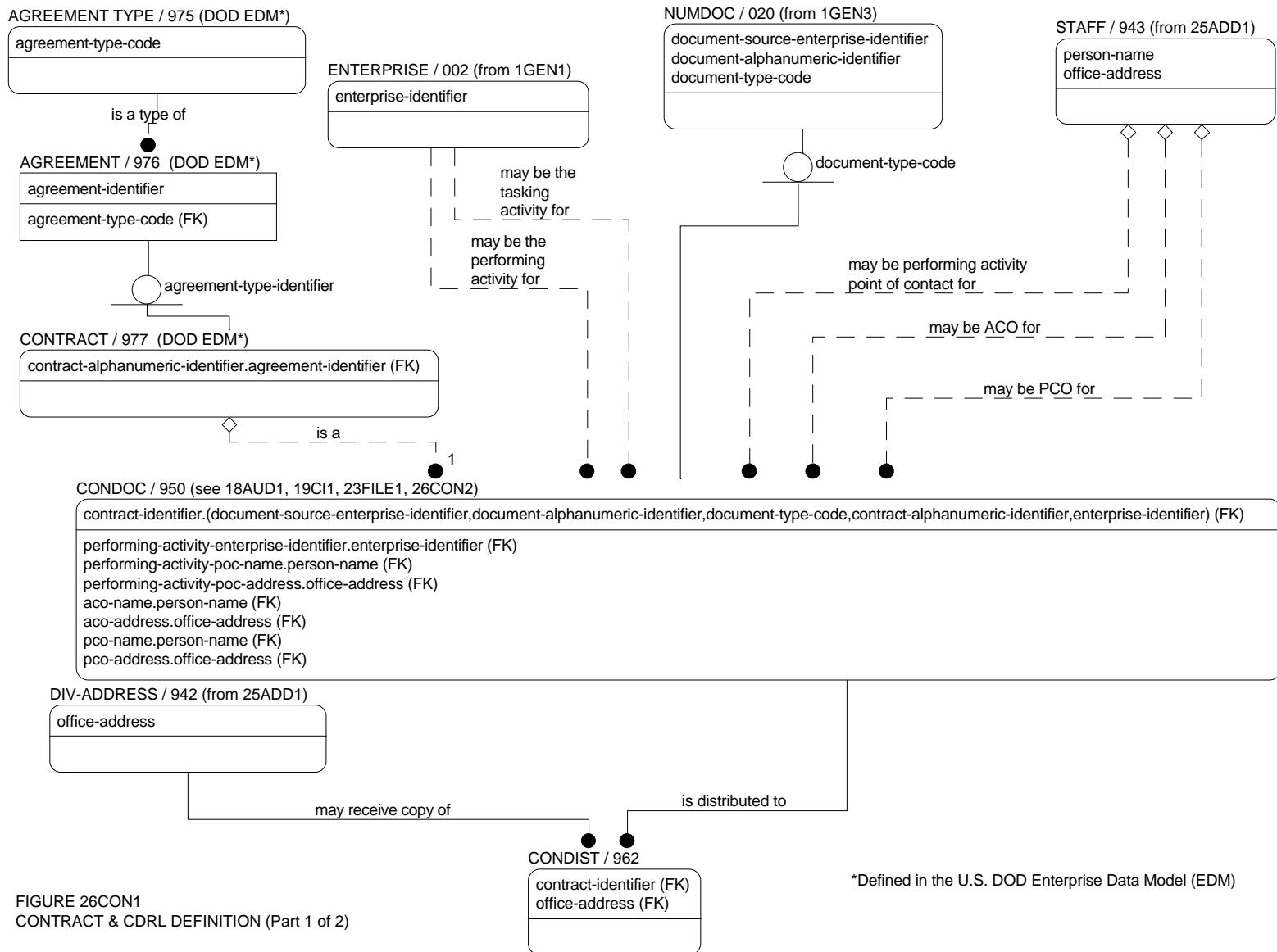


FIGURE 26CON1
CONTRACT & CDRL DEFINITION (Part 1 of 2)

*Defined in the U.S. DOD Enterprise Data Model (EDM)

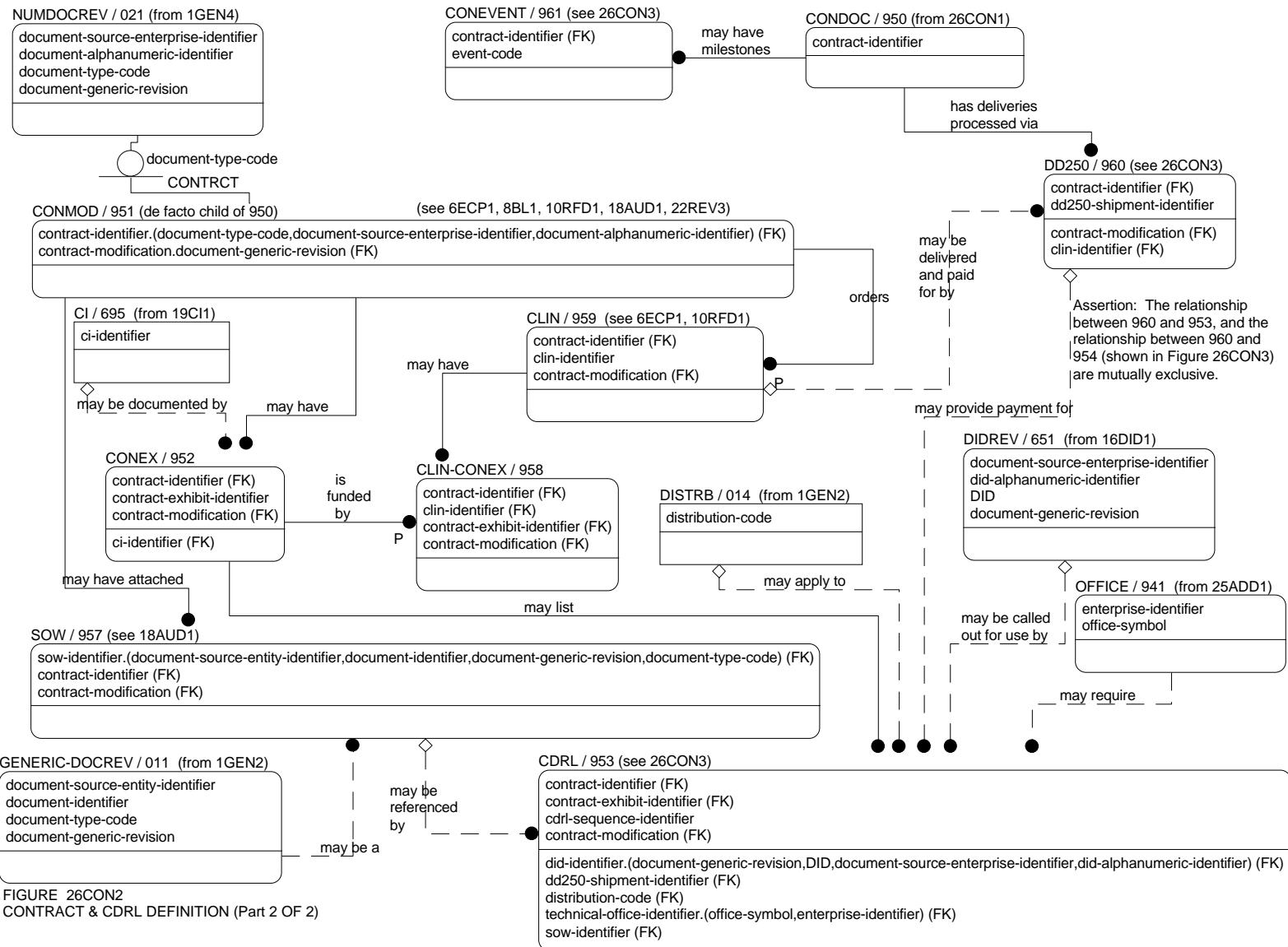


FIGURE 26CON2
CONTRACT & CDRL DEFINITION (Part 2 OF 2)

B-332

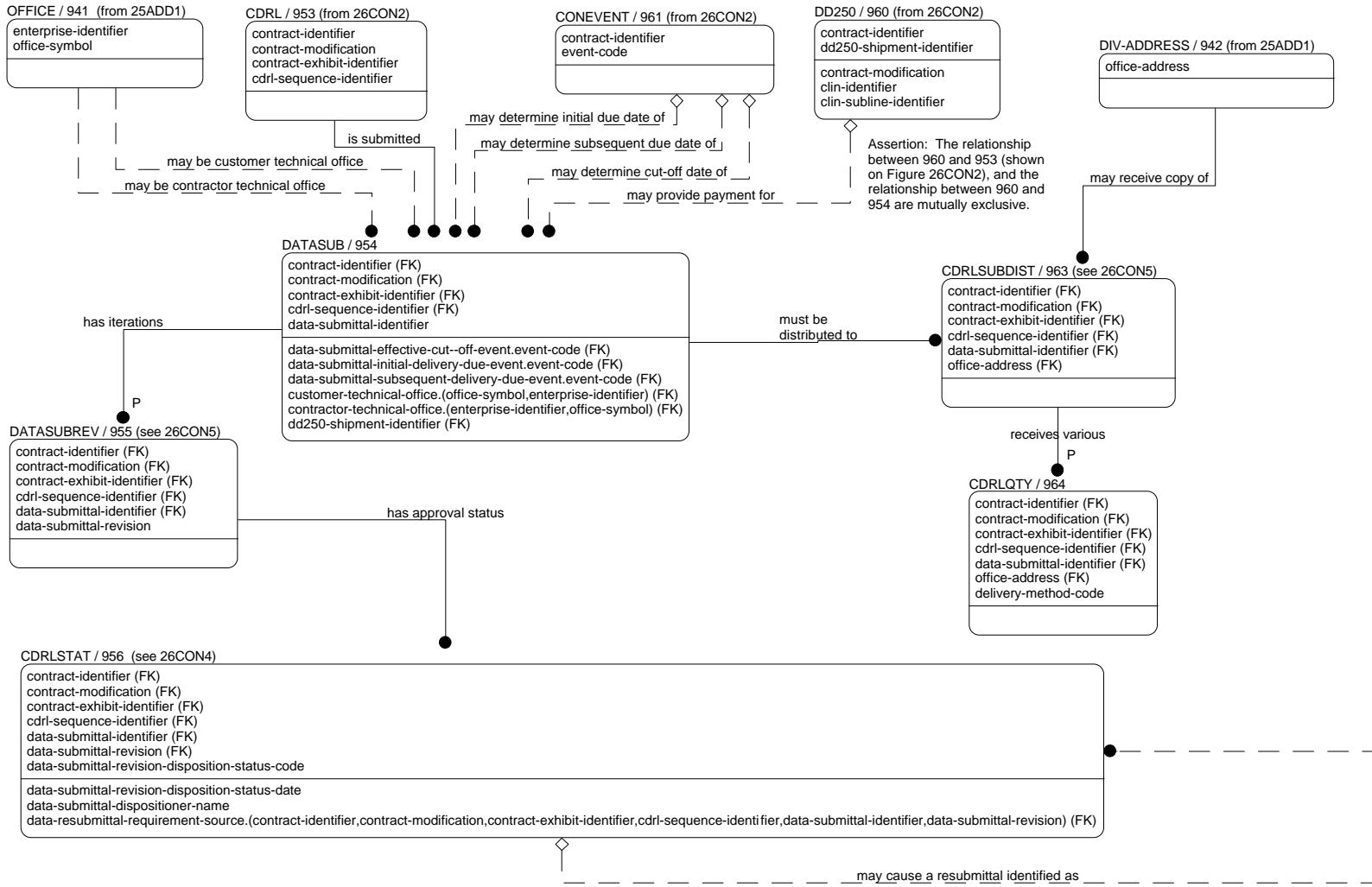
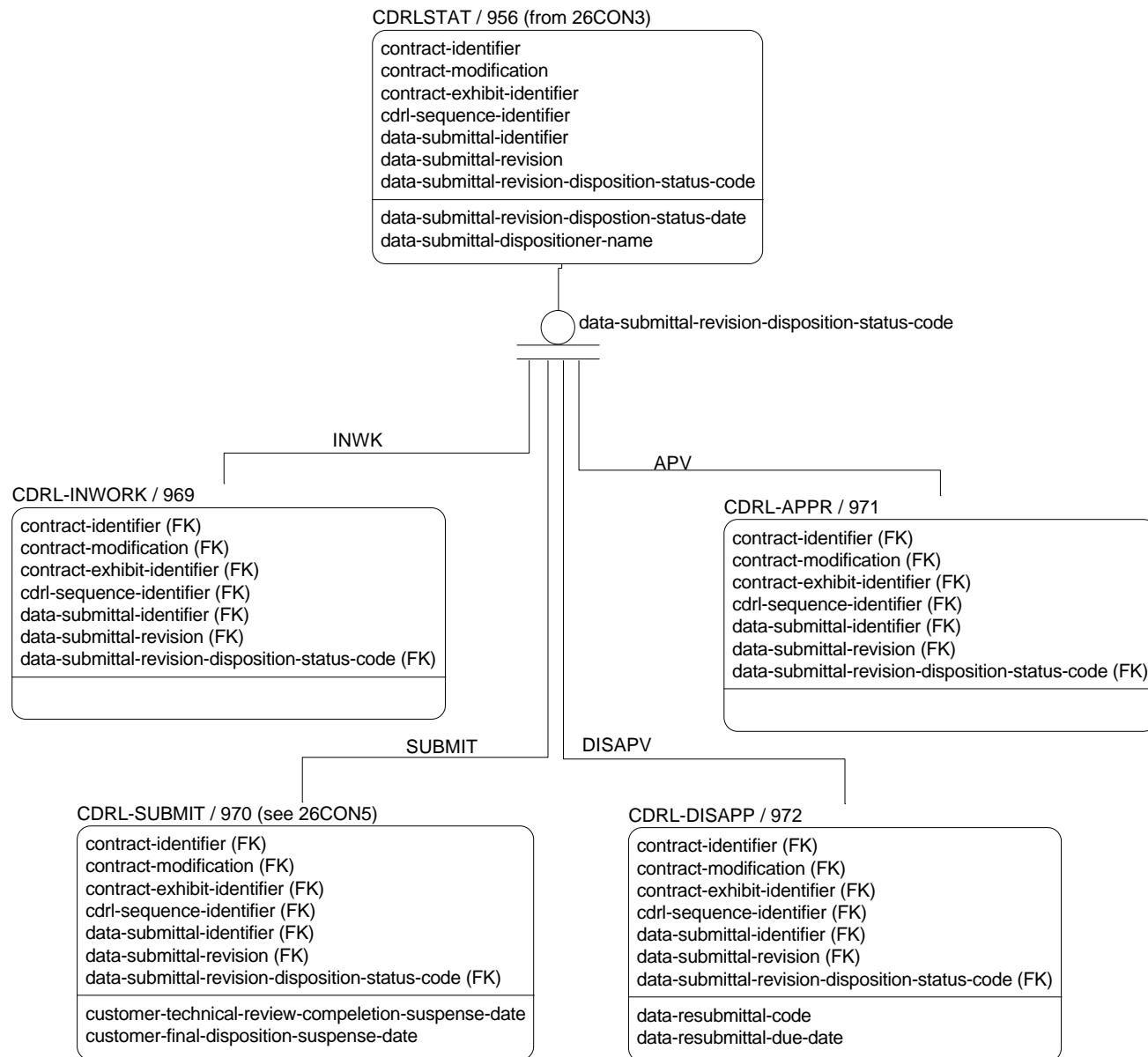


FIGURE 26CON3
CONTRACT DATA SUBMITTAL

B-333

ML-STD-2549

FIGURE 26CON4
CDRL STATUS



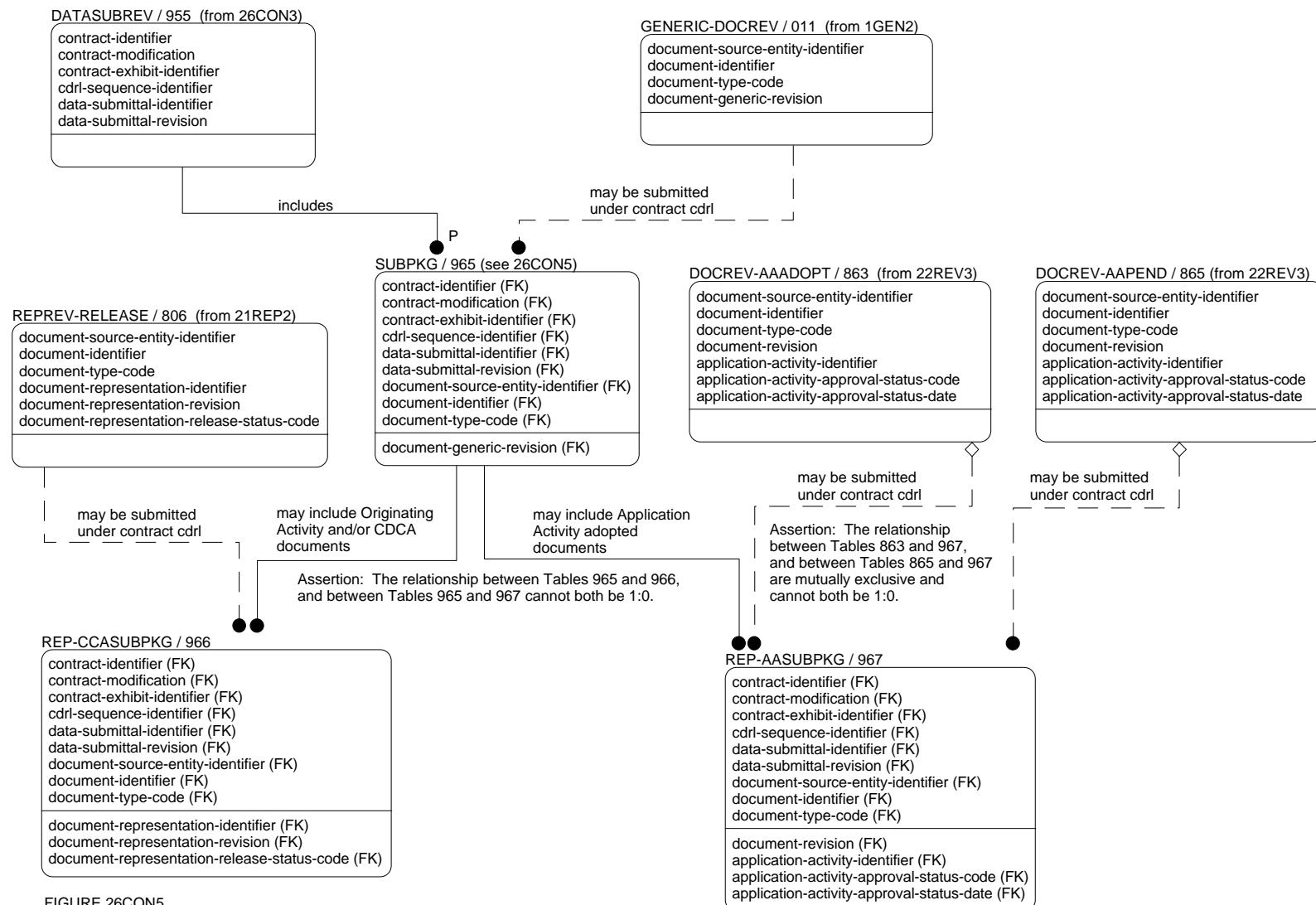


FIGURE 26CON5 CDRL CONTENTS

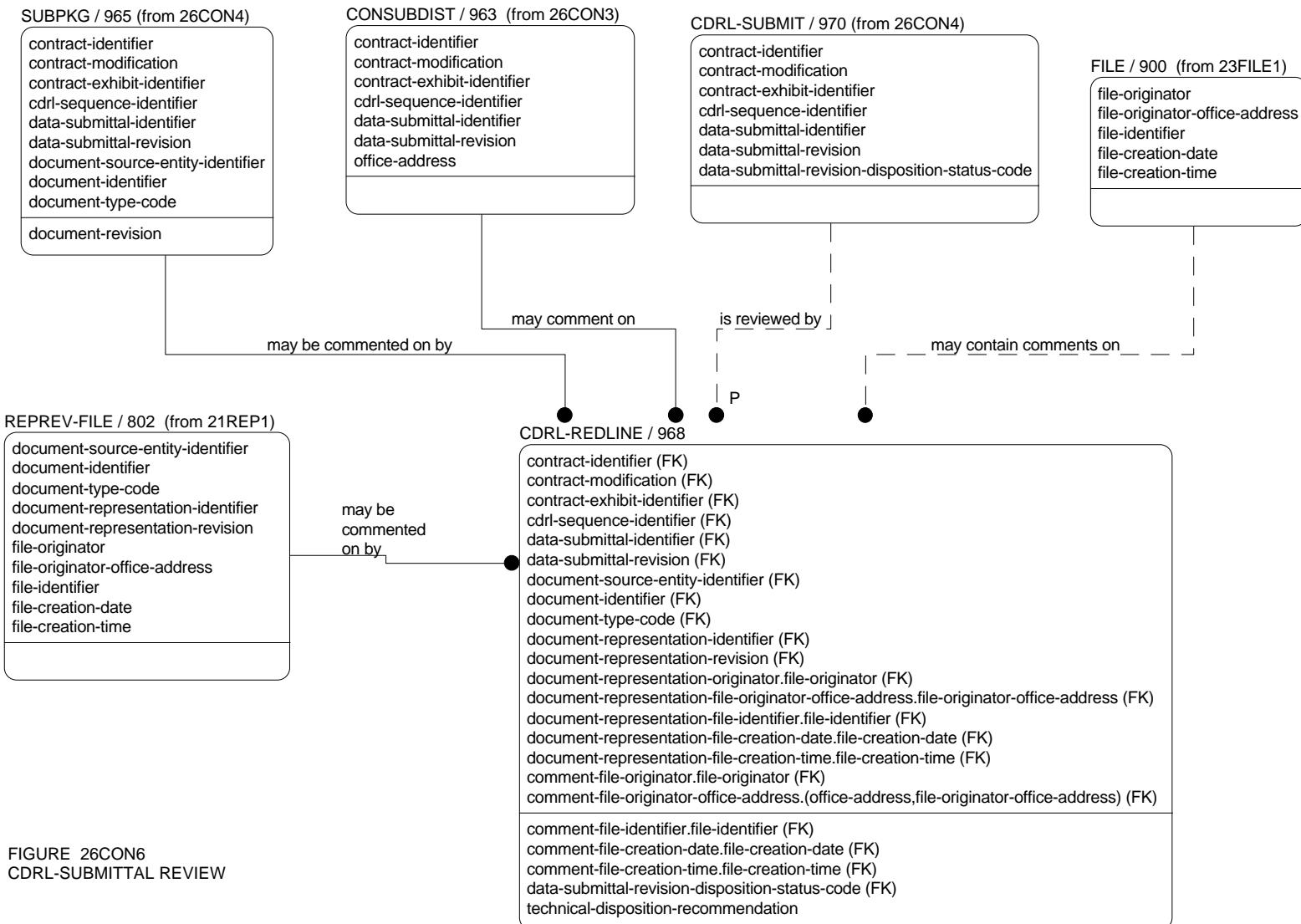


FIGURE 26CON6
CDRL-SUBMITAL REVIEW

MIL-STD-2549
APPENDIX B

Code	Data Element Title	DED	Key
CONIDN950	contract-document-identifier	0015	FK
ACOADD950	enterprise-administrative-contracting-office-address-text	0081	FK, O
ACONAM950	administrative-contracting-officer-human-name	0069	FK, O
PCOADD950	enterprise-procuring-contracting-office-address-text	0081	FK, O
PCONAM950	product-procuring-contracting-officer-human-name	0069	FK, O
SELADD950	performing-enterprise-contact-office-address-text	0081	FK, O
SELENT950	performing-enterprise-identifier	0052	FK
SELNAM950	contractor-human-name	0069	FK, O
CONNAM950	agreement-name	0071	
FEETYP950	contract-document-fee-type-code	0227	

B.5.25.2. Table 951, Contract modifications (CONMOD). This table is a subtype of Table NUMDOCREV/021, consisting of those documents for which the value of document-type-code (DOCTYP010) is 'CONTRCT'. Due to parallel categorization, this table is a de facto child of Table CONDOC/950. It contains the revision history for a contract.

- a. Because this table is a de facto child of Table 950, the concatenation of ENTIDN002, DOCNUM020, and DOCTYP010 inherited from Table NUMDOCREV/021, must be a contract-document-identifier existing in Table 950; therefore, they are concatenated and assume the identity CONIDN950, contract-document-identifier.
- b. Attribute document-generic-revision-identifier (DOCREV011) inherited from Table 021 assumes the role contract-document-revision-identifier (CONMOD951).

Code	Data Element Title	DED	Key
CONIDN950	contract-document-identifier	0015	FK
CONMOD951	contract-document-revision-identifier	0120	FK
CDADAF951	contract-modification-document-address-list-affect-code	0198	
CDRLAF951	contract-modification-document-contract-data-requirements-list-affect-code	0198	
CONAFF951	contract-modification-document-delivery-schedule-affect-code	0198	
CONDAT951	agreement-effective-date	0082	M
CONDES951	contract-document-modification-description-text	0140	
DISSAF951	contract-modification-document-distribution-statement-affect-code	0198	
OATTAF951	contract-modification-document-other-attachment-affect-code	0198	
OTEXAF951	contract-modification-document-other-exhibit-affect-code	0198	
PERIOD951	contract-document-performance-period-months-quantity	0145	M
SCHAFF951	contract-modification-document-schedule-a-affect-code	0198	

MIL-STD-2549
APPENDIX B

SCHBAF951	contract-modification-document-schedule-b-affect-code	0198
SCHCAF951	contract-modification-document-schedule-c-affect-code	0198
SCHDAF951	contract-modification-document-schedule-d-affect-code	0198
SCHEAF951	contract-modification-document-schedule-e-affect-code	0198
SCHFAF951	contract-modification-document-schedule-f-affect-code	0198
SCHGAF951	contract-modification-document-schedule-g-affect-code	0198
SCHHAF951	contract-modification-document-schedule-h-affect-code	0198
SCHIAF951	contract-modification-document-schedule-i-affect-code	0198
SCHJAF951	contract-modification-document-schedule-j-affect-code	0198
SCHKAF951	contract-modification-document-schedule-k-affect-code	0198
SOWAFF951	contract-modification-document-work-statement-affect-code	0198

B.5.25.3. Table 952, Contract exhibit definition (CONEX). This table contains the unique identification of the contract exhibits.

Code	Data Element Title	DED	Key
CONEXH952	contract-document-exhibit-identifier	0007	K
CONIDN950	contract-document-identifier	0015	FK
CONMOD951	contract-document-revision-identifier	0120	FK
CIIDEN695	configuration-item-product-identifier	0111	FK, O
APPRDT952	contract-data-requirement-list-document-form-approval-process-disposition-action-status-date	0082	
APPRNM952	contract-data-requirement-list-document-form-approver-human-name	0069	
CDRLCT952	contract-data-requirement-list-document-form-category-code	0201	
PREPDT952	contract-data-requirement-list-document-form-preparation-process-completion-date	0082	
PREPNM952	contract-data-requirement-list-document-form-preparer-human-name	0069	

B.5.25.4. Table 953, Contract data requirements list definition (CDRL). This table contains the contract data requirements list sequence numbers.

- a. The value of contract-data-requirement-list-document-item-effective-cut--off-date (CDR11D953) and contract-data-requirement-list-document-item-effective-cut--off-event-delta-text (CDR11T953) cannot both be nonblank.
- b. The value of contract-data-requirement-list-document-item-initial-delivery-due-code (CDR12C953) and contract-data-requirement-list-document-item-initial-submittal-due-date (CDR12D953) cannot both be nonblank.

MIL-STD-2549
APPENDIX B

- c. The value of contract-data-requirement-list-document-item-subsequent-delivery-due-code (CDR13C953) and contract-data-requirement-list-document-item-subsequent-submittal-due-date (CDR13D953) cannot both be nonblank.
- d. If the value of data-item-description-document-identifier (CDR040953) is nonblank, this field must default to the value of document-name (DOCTIT011) in Table 011 which is associate with the value of CDR040953.
- e. The attributes data-item-description-document-alphanumeric-identifier (DIDNUM650), data-item-description-document-type-code (DIDTYP650), document-generic-revision-identifier (DOCREV011), and document-source-enterprise-identifier (SRCENT020) inherited from Table 651 are concatenated and assume the role data-item-description-document-identifier (CDR040953). (See Appendix C for concatenation order.)
- f. The attributes enterprise-identifier (ENTIDN002) and enterprise-office-name (OFFSYM941) inherited from Table 941 are concatenated and assume the role tasking-activity-enterprise-technical-monitor-division-identifier (CDR060953). (See Appendix C for concatenation order.)

Code	Data Element Title	DED	Key
CDRLIN953	contract-data-requirement-list-document-item-sequence-identifier	0005	K
CONEXH952	contract-document-exhibit-identifier	0007	FK
CONIDN950	contract-document-identifier	0015	FK
CONMOD951	contract-document-revision-identifier	0120	FK
CDR040953	data-item-description-document-identifier	0230	FK, O
CDR060953	tasking-activity-enterprise-technical-monitor-division-identifier	0228	FK
DISCOD014	document-distribution-statement-code	0014	FK
SHPIDN960	shipping-document-alphanumeric-identifier	0003	FK, O
SOWIDN957	work-statement-document-identifier	0229	FK, O
CDR020953	contract-data-requirement-list-document-item-name	0008	M
CDR030953	contract-data-requirement-list-document-item-subsidiary-name	0008	
CDR050953	document-reference-citation-identifier	0075	
CDR070953	shipping-document-requirement-code	0202	M
CDR080953	contract-data-requirement-list-document-item-approval-requirement-code	0203	M
CDR100953	contract-data-requirement-list-document-item-submission-frequency-code	0197	M
CDR11D953	contract-data-requirement-list-document-item-effective-cut-off-date	0082	
CDR11T953	contract-data-requirement-list-document-item-effective-cut-off-event-delta-text	0161	
CDR12C953	contract-data-requirement-list-document-item-initial-delivery-due-code	0233	
CDR12D953	contract-data-requirement-list-document-item-initial-submittal-due-date	0082	

MIL-STD-2549
APPENDIX B

CDR13C953	contract-data-requirement-list-document-item-subsequent-delivery-due-code	0233
CDR13D953	contract-data-requirement-list-document-item-subsequent-submittal-due-date	0082
CDR160953	contract-data-requirement-list-document-item-remark-text	0204
CDR170953	contract-data-requirement-list-document-item-price-group-code	0199
CDR180953	contract-data-requirement-list-document-item-price-amount	0200
SUFXCD953	contract-data-requirement-list-document-item-modification-symbol-code	0205

B.5.25.5. Table 954, Contract data item submittal identification (DATASUB). This data contains the unique identification of the CDRL submittals for each CDRL sequence number.

- a. The value of contract-data-submittal-document-effective-cut--off-event-delta-text (COFFDL954) and contract-data-submittal-document-effective-cut--off-date (COFFDT954) cannot both be nonblank.
- b. The value of contract-data-submittal-document-initial-delivery-event---delta-text (INDUDL954) and contract-data-submittal-document-initial-delivery-calendar-due-date (INDUDT954) cannot both be nonblank.
- c. The value of contract-data-submittal-document-subsequent-delivery-event--delta-text (SBDUDL954) and contract-data-submittal-document-subsequent-delivery-calendar-due-date (SBDUDT954) cannot both be nonblank.
- d. A process-event-code (EVNCOD961) inherited from Table 961 is concatenated with a period-length-quantity and period-unit-code to form the contract-data-submittal-document-effective-cut--off-event-delta-text (COFFDL954).
- e. A process-event-code (EVNCOD961) inherited from Table 961 is concatenated with a period-length-quantity and period-unit-code to form the contract-data-submittal-document-initial-delivery-event--delta-text (INDUDL954).
- f. A process-event-code (EVNCOD961) inherited from Table 961 is concatenated with a period-length-quantity and period-unit-code to form the contract-data-submittal-document-subsequent-delivery-event--delta-text (SBDUDL954).
- g. The value of SBDUDT954 and SBDUDL954 must both be blank if the value of contract-data-submittal-document-submittal-type-code (SUBTYP954) is 'F'.
- h. The attributes enterprise-identifier (ENTIDN002) and enterprise-office-name (OFFSYM941) inherited from Table 941 are concatenated and assume the role performing-activity-enterprise-technical-monitor-division-identifier (PRFTEK954). (See Appendix C for concatenation order.)
- i. The attributes enterprise-identifier (ENTIDN002) and enterprise-office-name (OFFSYM941) inherited from Table 941 are concatenated and assume the role tasking-activity-enterprise-technical-monitor-division-identifier (TSKTEK954). (See Appendix C for concatenation order.)

MIL-STD-2549
APPENDIX B

Code	Data Element Title	DED	Key
CDRLSB954	contract-data-submittal-document-identifier	0020	K
CDRLIN953	contract-data-requirement-list-document-item-sequence-identifier	0005	FK
CONEXH952	contract-document-exhibit-identifier	0007	FK
CONIDN950	contract-document-identifier	0015	FK
CONMOD951	contract-document-revision-identifier	0120	FK
COFFDL954	contract-data-submittal-document-effective-cut--off-event-delta-text	0161	FK, O
INDUDL954	contract-data-submittal-document-initial-delivery-event--delta-text	0234	FK, O
PRFTEK954	performing-activity-enterprise-technical-monitor-division-identifier	0228	FK, O
SBDUDL954	contract-data-submittal-document-subsequent-delivery-event--delta-text	0234	FK, O
SHPIDN960	shipping-document-alphanumeric-identifier	0003	FK, O
TSKTEK954	tasking-activity-enterprise-technical-monitor-division-identifier	0228	FK
COFFDT954	contract-data-submittal-document-effective-cut--off-date	0082	
INDUDT954	contract-data-submittal-document-initial-delivery-calendar-due-date	0082	
SBDUDT954	contract-data-submittal-document-subsequent-delivery-calendar-due-date	0082	
SUBRMK954	contract-data-submittal-document-remark-text	0153	
SUBTIT954	contract-data-submittal-document-name	0008	
SUBTYP954	contract-data-submittal-document-submittal-type-code	0150	

B.5.25.6. Table 955, Contract data item submittal revision (DATASUBREV). This table contains the CDRL submittal revision identifiers. (Note: this is distinct from the revisions of the documents being submitted; this refers to the iterations of the CDRL as a CDRL item in the CDRL approval process.)

Code	Data Element Title	DED	Key
SUBREV955	contract-data-submittal-document-revision-identifier	0099	K
CDRLIN953	contract-data-requirement-list-document-item-sequence-identifier	0005	FK
CDRLSB954	contract-data-submittal-document-identifier	0020	FK
CONEXH952	contract-document-exhibit-identifier	0007	FK
CONIDN950	contract-document-identifier	0015	FK
CONMOD951	contract-document-revision-identifier	0120	FK
SUBCOM955	contract-data-submittal-document-remark-text	0153	
SUBDUE955	contract-data-submittal-document-calendar-due-date	0082	

MIL-STD-2549
APPENDIX B

B.5.25.7. Table 956, Contract data submittal/approval status (CDRLSTAT). This table contains the CDRL submittal status for each submittal/resubmittal.

- a. The contract-data-item-document-resubmittal-requirement-identifier (RSUBSR956) is nonblank only when the value of contract-data-item-approval-process-disposition-action-status-code (SUBSTA956) in the REFERENCED instance has a value of 'DISAPP' and the value of contract-data-item-document-resubmittal-code (RSUBRQ972) in Table 972 is 'Y'.
- b. If the value of contract-data-item-approval-process-disposition-action-status-code (SUBSTA956) is not 'INWK', then the value of contract-document-data-item-submittal-dispositioner-human-name (DISNAM956) must be nonblank.
- c. The attributes contract-data-requirement-list-document-item-sequence-identifier (CDRLIN953), contract-data-submittal-document-identifier (CDRLSB954), contract-document-exhibit-identifier (CONEXH952), contract-document-identifier (CONIDN950), contract-document-revision-identifier (CONMOD951), and contract-data-submittal-document-revision-identifier (SUBREV955) inherited from Table 956 are concatenated and assume the role contract-data-submittal-document-resubmittal-requirement-identifier (RSUBSR956). (See Appendix C for concatenation order.)

Code	Data Element Title	DED	Key
SUBSTA956	contract-data-submittal-document-approval-process-disposition-status-code	0021	K
CDRLIN953	contract-data-requirement-list-document-item-sequence-identifier	0005	FK
CDRLSB954	contract-data-submittal-document-identifier	0020	FK
CONEXH952	contract-document-exhibit-identifier	0007	FK
CONIDN950	contract-document-identifier	0015	FK
CONMOD951	contract-document-revision-identifier	0120	FK
SUBREV955	contract-data-submittal-document-revision-identifier	0099	FK
RSUBSR956	contract-data-submittal-document-resubmittal-requirement-identifier	0235	FK, O
DISNAM956	contract-data-submittal-document-dispositioner-human-name	0069	
STATDT956	contract-data-submittal-document-approval-process-disposition-status-date	0082	M

B.5.25.8. Table 957, Statement of work definition (SOW). This table contains the contract-unique identification of the statement of work and cross references to the document identification system.

- a. The attributes document-identifier (DOCIDN010), document-generic-revision-identifier (DOCREV011), document-type-code (DOCTYP010), and document-source-entity-identifier (SRCIDN010) inherited from Table 019 are concatenated and assume the role work-statement-document-identifier (SOWIDN957). (See Appendix C for concatenation order.)

MIL-STD-2549
APPENDIX B

Code	Data Element Title	DED	Key
CONIDN950	contract-document-identifier	0015	FK
CONMOD951	contract-document-revision-identifier	0120	FK
SOWIDN957	work-statement-document-identifier	0229	FK

B.5.25.9. Table 958, Contract line item number correlation with contract exhibit(s) (CLIN-CONEX). This table correlates the contract line items with the contract exhibits.

Code	Data Element Title	DED	Key
CLINUM959	contract-document-line-item-identifier	0017	FK
CONEXH952	contract-document-exhibit-identifier	0007	FK
CONIDN950	contract-document-identifier	0015	FK
CONMOD951	contract-document-revision-identifier	0120	FK

B.5.25.10. Table 959, Contract line item number definition (CLIN). This table identifies the contract line items.

Code	Data Element Title	DED	Key
CLINUM959	contract-document-line-item-identifier	0017	K
CONIDN950	contract-document-identifier	0015	FK
CONMOD951	contract-document-revision-identifier	0120	FK
CLINDS959	contract-document-line-item-description-text	0109	
CLINQT959	contract-document-line-item-quantity	0144	
UOMCOD959	product-measurement-unit-code	0054	

B.5.25.11. Table 960, Contract data item shipping document/payment identification (DD250). This table contains the identification of each DD Form 250 which is prepared in support of contract deliveries. (Note: if a letter of transmittal is used, it should be included in the list of documents in the submittal package. See Table SUBPKG/965.)

Code	Data Element Title	DED	Key
SHPIDN960	shipping-document-alphanumeric-identifier	0003	K
CONIDN950	contract-document-identifier	0015	FK
CLINUM959	contract-document-line-item-identifier	0017	FK
CONMOD951	contract-document-revision-identifier	0120	FK
SHPAMT960	shipping-document-dollar-amount	0146	
SHPDAT960	product-shipping-date	0082	
SHPDES960	shipping-document-shipped-item-description-text	0147	
SHPQTY960	shipping-document-shipped-item-quantity	0148	

MIL-STD-2549
APPENDIX B

SHPSTA960	shipping-document-process-disposition-status-code	0021
UOMCOD960	product-measurement-unit-code	0054

B.5.25.12. Table 961, Contract events (milestones) (CONEVENT). This table contains user-defined contract event codes which are used in conjunction with the data item delivery due dates to update the delivery dates as event dates change.

Code	Data Element Title	DED	Key
EVNCOD961	process-event-code	0018	K
CONIDN950	contract-document-identifier	0015	FK
PRSEDT961	process-event-end-date	0082	
PRSNAME961	process-event-name	0156	
PRSSDT961	process-event-start-date	0082	

B.5.25.13. Table 962, Contract distribution (CONDIST). This table contains the addressees who receive copies of the contract.

Code	Data Element Title	DED	Key
CONIDN950	contract-document-identifier	0015	FK
DIVADD942	enterprise-office-address-text	0081	FK
DOCQTY962	document-quantity	0158	

B.5.25.14. Table 963, Contract data submittal distribution requirements (CDRLSUBDIST). This table contains the contract data item distribution addressees.

- a. Attribute enterprise-office-address-text (DIVADD942) inherited from Table 942 assumes the role enterprise-file-review-office-address-text (FILADD963).

Code	Data Element Title	DED	Key
CDRLIN953	contract-data-requirement-list-document-item-sequence-identifier	0005	FK
CDRLSB954	contract-data-submittal-document-identifier	0020	FK
CONEXH952	contract-document-exhibit-identifier	0007	FK
CONIDN950	contract-document-identifier	0015	FK
CONMOD951	contract-document-revision-identifier	0120	FK
FILADD963	enterprise-file-review-office-address-text	0081	FK

B.5.25.15. Table 964, CDRL distribution format and quantity (CDRLQTY). This table contains the distribution format and quantity requirements for each addressee for each CDRL submittal.

MIL-STD-2549
APPENDIX B

Code	Data Element Title	DED	Key
DELMTH964	data-product-delivery-method-code	0139	K
CDRLIN953	contract-data-requirement-list-document-item-sequence-identifier	0005	FK
CDRLSB954	contract-data-submittal-document-identifier	0020	FK
CONEXH952	contract-document-exhibit-identifier	0007	FK
CONIDN950	contract-document-identifier	0015	FK
CONMOD951	contract-document-revision-identifier	0120	FK
FILADD963	enterprise-file-review-office-address-text	0081	FK
DOCQTY964	document-quantity	0158	M

B.5.25.16. Table 965, CDRL submittal package (SUBPKG). This table correlates the identity of the actual document representations delivered as part of the CDRL data item delivery. If a letter of transmittal is used, it is included in this package.

Code	Data Element Title	DED	Key
CDRLIN953	contract-data-requirement-list-document-item-sequence-identifier	0005	FK
CDRLSB954	contract-data-submittal-document-identifier	0020	FK
CONEXH952	contract-document-exhibit-identifier	0007	FK
CONIDN950	contract-document-identifier	0015	FK
CONMOD951	contract-document-revision-identifier	0120	FK
DOCIDN010	document-identifier	0122	FK
DOCTYP010	document-type-code	0004	FK
SRCIDN010	document-source-entity-identifier	0033	FK
SUBREV955	contract-data-submittal-document-revision-identifier	0099	FK
DOCREV011	document-generic-revision-identifier	0243	FK

B.5.25.17. Table 966, CDCA-released document representations associated with CDRL submittal package (REP-CDCASUBPKG). This table is a subtype of Table SUBPKG/865 containing the subset of the data in Table 965 consisting of those submittal items which are submitted to, or by, the CDCA.

- a. Because this table is a subtype of Table 965, for each instance in this table, the same value for document-revision-identifier (DOCREV011) must be in the parent instances found in all inheritance paths; that is, the same value of DOCREV011 must be found through the path Table 966-> Table 965, and through the path Table 966->Table 806->Table 803-> Table 801.

Code	Data Element Title	DED	Key
CDRLIN953	contract-data-requirement-list-document-item-sequence-identifier	0005	FK
CDRLSB954	contract-data-submittal-document-identifier	0020	FK
CONEXH952	contract-document-exhibit-identifier	0007	FK

MIL-STD-2549
APPENDIX B

CONIDN950	contract-document-identifier	0015	FK
CONMOD951	contract-document-revision-identifier	0120	FK
DOCIDN010	document-identifier	0122	FK
DOCTYP010	document-type-code	0004	FK
SRCIDN010	document-source-entity-identifier	0033	FK
SUBREV955	contract-data-submittal-document-revision-identifier	0099	FK
REPIDN800	document-representation-identifier	0207	FK
REPREV801	document-representation-revision-identifier	0208	FK
REPSTA803	document-representation-release-process-disposition-status-code	0021	FK

B.5.25.18. Table 967, Application activity released document representations associated with CDRL submittal package (REP-AASUBPKG). This table is a subtype of Table SUBPKG/965. It contains a subset of the data in Table 965 consisting of those submittal items which are submitted to a tasking activity by an application activity.

- a. Because this table is a subtype of Table 965, for each instance in this table, the same value for document-revision-identifier (DOCREV011) must be in the parent instances found in all inheritance paths; that is, the same value of DOCREV011 must be found through the path Table 967 -> Table 965, and through the path Table 967 -> Table 863 -> Table 861.

Code	Data Element Title	DED	Key
CDRLIN953	contract-data-requirement-list-document-item-sequence-identifier	0005	FK
CDRLSB954	contract-data-submittal-document-identifier	0020	FK
CONEXH952	contract-document-exhibit-identifier	0007	FK
CONIDN950	contract-document-identifier	0015	FK
CONMOD951	contract-document-revision-identifier	0120	FK
DOCIDN010	document-identifier	0122	FK
DOCTYP010	document-type-code	0004	FK
SRCIDN010	document-source-entity-identifier	0033	FK
SUBREV955	contract-data-submittal-document-revision-identifier	0099	FK
APPACT033	application-activity-enterprise-division-identifier	0228	FK
AREVDT861	document-revision-application-activity-approval-process-disposition-status-date	0082	FK
AREVST861	document-revision-application-activity-approval-process-disposition-status-code	0021	FK
DOCREV011	document-generic-revision-identifier	0243	FK

B.5.25.19. Table 968, Contract-reviewer comments to a CDRL submittal package (CDRL-REDLINE). This table contains the identification of the file(s) containing comments or redline annotations to the document representation revision being reviewed as part of the CDRL data item approval process by the CDRL approval activity . These files are cross-referenced to, but separate and distinct from, the original files being reviewed.

MIL-STD-2549
APPENDIX B

- a. For each instance in this table, the same value of document-revision-identifier (DOCREV011) must be in the parent instances in all inheritance paths; that is, the same value of document-revision-identifier must be reached through the path Table 968 -> Table 965, and through the path Table 968 -> Table 802 -> Table 801.
- b. The reviewer of the data item submittal is the originator of the comment file.
- c. Attribute enterprise-file-origination-office-address-text (FILADD900) inherited from Table 900 and enterprise-file-review-office-address-text (FILADD963) inherited from Table 963 must have the same value and merge to assume the role enterprise-comment-file-origination-office-address-text (CFILAD968).
- d. Attribute electronic-document-file-creation-date (FIELDAT900) inherited from Table 900 assumes the role electronic-document-comment-file-creation-date (CFILDAT968).
- e. Attribute electronic-document-file-identifier (FILIDN900) inherited from Table 900 assumes the role electronic-document-comment-file-identifier (CFILID968).
- f. Attribute file-originator-human-name (FILORG900) inherited from Table 900 assumes the role comment-file-originator-human-name (CFILOR968).
- g. Attribute electronic-document-file-creation-time (FILTIM900) inherited from Table 900 assumes the role electronic-document-comment-file-creation-time (CFILTM968).
- h. Attribute enterprise-file-origination-office-address-text (FILADD900) inherited from Table 802 assumes the role enterprise-document-file-origination-office-address-text (RFILAD968).
- i. Attribute electronic-document-file-creation-date (FIELDAT900) inherited from Table 802 assumes the role electronic-document-representation-file-creation-date (RFILDAT968).
- j. Attribute electronic-document-file-identifier (FILIDN900) inherited from Table 802 assumes the role electronic-document-representation-file-identifier (RFILID968).
- k. Attribute file-originator-human-name (FILORG900) inherited from Table 802 assumes the role document-file-originator-human-name (RFILOR968).
- l. Attribute electronic-document-file-creation-time (FILTIM900) inherited from Table 802 assumes the role electronic-document-representation-file-creation-time (RFILTM968).

Code	Data Element Title	DED	Key
CDRLIN953	contract-data-requirement-list-document-item-sequence-identifier	0005	FK
CDRLSB954	contract-data-submittal-document-identifier	0020	FK
CFILAD968	enterprise-comment-file-origination-office-address-text	0081	FK
CFILOR968	comment-file-originator-human-name	0069	FK
CONEXH952	contract-document-exhibit-identifier	0007	FK
CONIDN950	contract-document-identifier	0015	FK
CONMOD951	contract-document-revision-identifier	0120	FK

MIL-STD-2549
APPENDIX B

DOCIDN010	document-identifier	0122	FK
DOCTYP010	document-type-code	0004	FK
REPIDN800	document-representation-identifier	0207	FK
REPREV801	document-representation-revision-identifier	0208	FK
RFILAD968	enterprise-document-file-origination-office-address-text	0081	FK
RFILDT968	electronic-document-representation-file-creation-date	0082	FK
RFILID968	electronic-document-representation-file-identifier	0206	FK
RFILOR968	document-file-originator-human-name	0069	FK
RFILTM968	electronic-document-representation-file-creation-time	0160	FK
SRCIDN010	document-source-entity-identifier	0033	FK
SUBREV955	contract-data-submittal-document-revision-identifier	0099	FK
CFILDT968	electronic-document-comment-file-creation-date	0082	FK
CFILID968	electronic-document-comment-file-identifier	0206	FK
CFILTM968	electronic-document-comment-file-creation-time	0160	FK
SUBSTA956	contract-data-submittal-document-approval-process-disposition-status-code	0021	FK
TECHCD968	document-approval-process-technical-recommended-disposition-status-code	0021	
TECHDT968	disposition-process-technical-recommendation-completion-date	0082	

B.5.25.20. Table 969, CDRL submittals 'in-work' (CDRL-INWORK). This table is a subtype of Table CDRLSTAT/956. It contains the subset of the data in Table 956 consisting of those CDRL submittals which have achieved a contractual approval status of in-work ('INWK'). This is the default status.

Code	Data Element Title	DED	Key
CDRLIN953	contract-data-requirement-list-document-item-sequence-identifier	0005	FK
CDRLSB954	contract-data-submittal-document-identifier	0020	FK
CONEXH952	contract-document-exhibit-identifier	0007	FK
CONIDN950	contract-document-identifier	0015	FK
CONMOD951	contract-document-revision-identifier	0120	FK
SUBREV955	contract-data-submittal-document-revision-identifier	0099	FK
SUBSTA956	contract-data-submittal-document-approval-process-disposition-status-code	0021	FK

B.5.25.21. Table 970, CDRL submittals in 'submit' status (CDRL-SUBMIT). This table is a subtype of Table CDRLSTAT/956 which contains the subset of the data in Table 956 consisting of those CDRL submittals which have achieved a contractual approval status of submit ('SUBMIT'), indicating that they have been submitted to the customer for review and disposition.

MIL-STD-2549
APPENDIX B

Code	Data Element Title	DED	Key
CDRLIN953	contract-data-requirement-list-document-item-sequence-identifier	0005	FK
CDRLSB954	contract-data-submittal-document-identifier	0020	FK
CONEXH952	contract-document-exhibit-identifier	0007	FK
CONIDN950	contract-document-identifier	0015	FK
CONMOD951	contract-document-revision-identifier	0120	FK
SUBREV955	contract-data-submittal-document-revision-identifier	0099	FK
SUBSTA956	contract-data-submittal-document-approval-process-disposition-status-code	0021	FK
FSUSDT970	contract-data-submittal-document-customer-final-disposition-suspense-date	0082	M
TSUSDT970	contract-data-submittal-document-customer-technical-review-completion-suspense-date	0082	M

B.5.25.22. Table 971, CDRL submittals in 'approved' status (CDRL-APPR). This table is a subtype of Table CDRLSTAT/956 which contains the subset of the data in Table 956 consisting of those CDRL submittals which have achieved a contractual approval status of approve ('APV').

Code	Data Element Title	DED	Key
CDRLIN953	contract-data-requirement-list-document-item-sequence-identifier	0005	FK
CDRLSB954	contract-data-submittal-document-identifier	0020	FK
CONEXH952	contract-document-exhibit-identifier	0007	FK
CONIDN950	contract-document-identifier	0015	FK
CONMOD951	contract-document-revision-identifier	0120	FK
SUBREV955	contract-data-submittal-document-revision-identifier	0099	FK
SUBSTA956	contract-data-submittal-document-approval-process-disposition-status-code	0021	FK

B.5.25.23. Table 972, CDRL submittals in 'disapproved' status (CDRL-DISAPP). This table is a subtype of Table CDRLSTAT/956. It contains the subset of the data in Table 956 consisting of those CDRL submittals which have achieved a contractual approval status of disapproved ('DISAPV').

Code	Data Element Title	DED	Key
CDRLIN953	contract-data-requirement-list-document-item-sequence-identifier	0005	FK
CDRLSB954	contract-data-submittal-document-identifier	0020	FK
CONEXH952	contract-document-exhibit-identifier	0007	FK
CONIDN950	contract-document-identifier	0015	FK
CONMOD951	contract-document-revision-identifier	0120	FK
SUBREV955	contract-data-submittal-document-revision-identifier	0099	FK

MIL-STD-2549
APPENDIX B

SUBSTA956	contract-data-submittal-document-approval-process-disposition-status-code	0021	FK
RSUBDT972	contract-data-submittal-document-resubmittal-due-date	0082	
RSUBRQ972	contract-data-submittal-document-resubmittal-code	0159	M

B.5.25.24. Tables 973 and 974. Reserved.

B.5.25.25. Table 975, Agreement types (AGREEMENT-TYPE). This table is part of the DOD Enterprise Data Model (EDM). It contains codes for various types of agreements, such as contracts, treaties, memorandums of understanding, etc.

Code	Data Element Title	DED	Key
AGRTP975	agreement-type-code	0167	K

B.5.25.26. Table 976, Agreements (AGREEMENT). This table is part of the DOD EDM and contains the identification of agreements.

Code	Data Element Title	DED	Key
AGRIDN976	agreement-identifier	0152	K
AGRTP975	agreement-type-code	0167	FK

B.5.25.27. Table 977, Contracts (CONTRACT). This table is a subtype of table AGREEMENT/976 consisting of those agreements which are contracts.

- a. Attribute agreement-identifier (AGRIDN976) inherited from Table 976 assumes the role contract-document-alphanumeric-identifier (CONNUM977).

Code	Data Element Title	DED	Key
CONNUM977	contract-document-alphanumeric-identifier	0226	FK

B.6. NOTES

(This section contains information of a general or explanatory nature that may be helpful, but is not mandatory.)

B.6.1. Intended use. This document is intended to define the conceptual database requirements and related business constraints necessary for the DoD CM AIS. Any organization which provides data to, or extracts data from the CM AIS must format their data/queries to support this database schema. Implementation of databases conforming to this conceptual schema may be accomplished using relational databases, object-oriented databases, or any other approach.

MIL-STD-2549
APPENDIX B

B.6.2. Reference documents. The following documents have been used as references in preparing this appendix and may provide additional information.

DEPARTMENT OF DEFENSE PUBLICATIONS:

DDRS	Department of Defense Data Repository System (Data Element Listing as of 2/28/95)
DoD 4120.3-M	Defense Standardization Manual
DoDI 4140.54	Serial Number Tracking of Selected Parts, Components, and End Items
DoD 5010.12-L	Acquisition Management Systems and Data Requirements Control List (AMSDL)
DoDM 5010.12-M	Procedures for Acquisition and Management of Technical Data
DoD 5220.22-M	Industrial Security Manual for Safeguarding Classified Information
DoD 8320.1-M-1	Data Element Standardization Procedures
MIL-HDBK-59	Department of Defense Computer-aided Acquisition and Logistic Support (CALS) Program Implementation Guide
MIL-STD-100	Engineering Drawing Practices
MIL-STD-196	Joint Electronics Type Designation System
MIL-STD-787	Joint Optical Range Instrumentation Type Designation System
MIL-STD-498	Software Development and Documentation
MIL-STD-787	Joint Optical range Instrumentation type Designation System
MIL-STD-961	Defense Specifications
MIL-STD-962	Defense Standards and Handbooks
MIL-STD-963	Data Item Descriptions (DIDs), Preparation of
MIL-STD-1168	Ammunition Lot Numbering
MIL-STD-1345(NAVY)	Test Requirements Document, Preparation of
MIL-STD-1464(AR)	Army Nomenclature System
MIL-STD-1519(USAF)	Test Requirements Document, Preparation of
MIL-STD-1661(OS)	MARK and MOD Nomenclature System
MIL-STD-1662(OS)	Ordnance Alteration (ORDALT) Instructions, Preparation of
DOD-STD-1700	Data Management Program
MIL-STD-1806	Marking Technical Data Prepared by or for the Department of Defense
MIL-STD-1812	Type Designation, Assignment and Method for Obtaining
MIL-STD-2039	Field Changes and Field Change Kits, Preparation of
DOD-STD-2140(SH)	Machinery Alteration (MACHALT) Instructions, Preparation of (Metric)
DOD-STD-2167	Defense System Software Development
MIL-T-9885	Time Compliance Technical Orders: for Surface-Launched Missiles, Space Vehicles and Related Support Equipment, Preparation of
MIL-T-31000	Technical Data Package, General Specification for
MIL-M-38784	Manuals, Technical: General Style and Format Requirements
MIL-T-38804	Time Compliance Technical Orders, Preparation of
MIL-PRF-49506	Logistics Management Information
MIL-M-81748	Manuals, Technical, Rapid Action Changes, Requirements for Preparation of
MIL-D-81992(AS)	Directives, Technical; Preparation of
DOD-T-86000(NS)	Test Requirements Document, Preparation of

DEPARTMENT OF COMMERCE PUBLICATIONS:

NATIONAL INSTITUTE OF STANDARDS & TECHNOLOGY:

FIPS-PUB-184 Integration Definition for Information Modeling (IDEF1X)

MIL-STD-2549
APPENDIX B

GENERAL SERVICES ADMINISTRATION PUBLICATIONS:
FEDERAL SUPPLY SERVICE:
Federal Standardization Manual

DEFENSE LOGISTICS AGENCY PUBLICATIONS:
DLA Handbook H4/H8 Index of Commercial and Government Entity Codes

DEPARTMENT OF THE ARMY PUBLICATIONS:

AR 25-30	The Army Integrated Publishing and Printing Program
AR 70-50	Military Aerospace Equipment
AR 750-1	Army Materiel Maintenance Policy and Retail Maintenance Operations
DA PAM 738-750	Functional Users Manual for the Army Maintenance Management System (TAMMS)
DA PAM 738-751	Functional Users Manual for the Army Maintenance Management System-- Aviation (TAMMS-A)

DEPARTMENT OF THE AIR FORCE PUBLICATIONS:

AFR 82-1	Military Aerospace Equipment
TO 00-5-16	Software Managers Manual: USAF Computer Program Identification Numbering (CPIN) System
TO 00-5-17	Users Manual: USAF Computer Program Identification Numbering (CPIN) System
TO 00-20-2	Maintenance Data Collection

ARMY ARMAMENT RESEARCH, DEVELOPMENT & ENGINEERING CENTER PUBLICATIONS:
CMPM (Draft) Assignment of Procurement Activity Numbers (PAN)

NAVAL AIR SYSTEMS COMMAND PUBLICATIONS:

AR-41	Aeronautical Requirements: Technical Directive Development and Acquisition of Integrated Logistic Support for Aeronautical Weapon System Changes
00-25-300	Technical Directive System
NAVAIRINST 4130.1C	Naval Air Systems Command Configuration Management Policy
NAVSEAINST 4130.15	Antisubmarine Warfare (ASW) Engineering Change Accomplishment Program (ECAP) for SONAR and Acoustic Warfare Equipment
OPNAVINST 4720.2E	Policy for Fleet Modernization Program (FMP)
NAVAIRINST 5215.8C	The NAVAIR Technical Directive System
NAVAIRINST 8800.4D	Military Aerospace Equipment

U.S. INDUSTRY STANDARDS:

ANSI/EIA 476-A-1987	Source and Date Code Marking
ANSI Y14.1-1980	Drawing Sheet Size and Forms
ASME Y14.24-1989	Types and Applications of Engineering Drawings
ANSI/ASME Y14.34M-1989	Parts Lists, Data Lists and Index Lists
ASME Y14.35M-1992	Revision of Engineering Drawings and Associated Lists
ANSI Y32.2-1975	Graphic Symbols for Electrical and Electronic Diagrams
ANSI Y32.16-1975	Reference Designations for Electrical and Electronics Parts and Equipments
ANSI/IEEE Std 830-84	IEEE Standard for Software Requirements Specifications
ANSI/IEEE Std 1042-87	IEEE Guide to Software Configuration Management
EIA IS-649	Configuration Management
EIA J-STD-016.0	U.S. implementation of ISO/IEC 12207 International Standard (Standard for Information Technology --Software life cycle processes

MIL-STD-2549
APPENDIX B

INTERNATIONAL STANDARDS:

- | | |
|------------------|--|
| ISO 10303-203 | Product Data Representation and Exchange- Part 203, Application Protocol:
Configuration Controlled Design |
| ISO 10007 | Quality Management--Guidelines for Configuration Management |
| ISO/IEC 12207 | Standard for Information Technology--Software life cycle processes |
| NATO STANAG 4159 | NATO Material Configuration Management Policy and Procedures for
Multinational Joint Projects |